



EduScience UK
We Contribute To Future Education



Biology Catalogue

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Dear Valued Customers

I would like to Thank you for helping EduScience UK Ltd Company in accomplishing its mission: to contribute in future education.

We strive to provide educators worldwide the best innovative products, services and solutions.

We have added in this catalogue over 6000 products including

our latest STEAM and Science Kits that has been developed to adapt the different curriculum needs along with teaching manuals that make hands-on easy for students so they are engaged and have fun doing science experiments in the same time

In addition to our catalogue we have enhanced Eduscienceuk website so you can now order most of our products easily at any time and with flexible payments methods

I'd like to thank you for helping us improving our self so we hopefully can satisfy your needs and we wish to have your regular feedback which defiantly keep our team working on enhancing our self to serve you better.

Sincerely
EduScience UK Ltd



EduScience UK
We Contribute To Future Education

“COMPLETE SOLUTIONS OF EDUCATIONAL SUPPLIES”

EduScience is a UK based science equipment's Manufacturer, partnered with Reputed Science Education Factories one of the oldest established companies in the field of science education. It was foremost in the development of the Nuffield Science Project acting as consultants to British Government to revolutionize science teaching across the world.

EduScience provide the highest quality and support service possible to meet today's demands from science education.

- Design, bringing new equipment to school's laboratories
- Manufacture, state of the art manufacturing
- Quality and Safety, all products meet or exceed all EU and international regulations on safety, quality and performance
- Curriculum Relevant, focused on products precisely matched to your curriculum requirements
- Technical Support, through advice, teacher and technician training and field support in your school.

More than a supplier of Science Education Supplies

Technical Expertise

Our team consists of specialists in Physics, Chemist and Biology as well as ICT and Math

As a designer and manufacturer, we understand the equipment you have in your lab.

We can provide advice and experimental notes, spare parts, repair and calibration.

Specialist in the Field

Everything one needs for teaching science including laboratory design and furniture.

Confidence Builder

Our teaching notes help with lesson planning and our support team is on hand to build teacher confidence and remove the feeling of isolation for specialist and non-specialist teachers.

Apparatus matched precisely to your Curriculum

Spend your budget wisely, buy purchasing relevant equipment. We match apparatus to your practical lesson requirements exactly to your curriculum needs.

International Regulations

Our rigorous Quality Assurance policy means that all of our products usually exceed those in place throughout the world.

Product Development

A progressive development programmer ensures that science teaching keeps in step with progress to provide your students with the experience of higher education, industry or research.

EduScience with Its heritage has always been about progressive design and development since the 1960s. and continues today offering curriculum development to Governments around the world and produces bespoke equipment to meet their specific needs. You can tap into this vast experience and knowledge.

PRODUCTS

From Analogue Meter to Zoological specimens, a true comprehensive provider of everything you could need for your lab whether an established or brand new facility.

STEM

- Science, specialist in integrating science into Technology, Engineering and Math
- Technology, from design through to robotics, data logging and cross curricula links
- Engineering, the latest technology from 3D printing to workshop resources
- Math, designed by educationalist and maths experts with software and practical lessons

Stem Kits,

For teachers with busy schedules EduScience STEM kits help lesson planning and preparation leaving you more time to inspire your students with exciting resources.



ROBOTICS

The buzz word around the world today, is Robotics, even if students are not destined to work in the field a knowledge of robotics is essential for an understanding of industry and even domestic applications

EduScience robotic kits help students to develop problem solving ability and logical thinking skills while learning about robotics and science principles.

SCIENCE DATA LOGGING AND SENSORS

Our innovative new data logging system using Data logger and direct USB sensors and our specialized software for data capture and analysis making science much more easy and joyful.



PRACTICAL PHYSICS

Take the fear out of leading practical physics lessons. Using EduScience Kits or teaching systems provides easy to prepare practical lessons in your lab which inspire the students and enhance their learning experience.

EduScience Kits or teaching systems cover every area in physics

Electricity, Electrostatics, Optics, Energy, Alternative Energy, Atomic and Nuclear, Forces etc.



CHEMISTRY LAB RESOURCES

EduScience offer complete range of chemistry lab equipment's including glassware, Chemicals and disposables we keep many of those products in our store to cater the immediate needs.





BIOLOGY LAB RESOURCES

EduScience have produced a complete comprehensive range of resources for practical work for biology students from elementary to high school to first year teaching labs in universities.

As experts in the field of microscopy we can offer training for teachers and technicians in the application for microscopes and maintenance

ENVIRONMENTAL AND FORENSIC SCIENCE.

Environmental science along with the study of forensics grips the imagination and curiosity of students across all age ranges.

EduScience Kits and models support student's learning of principles, concepts and methodology. All of these skills are transferable within current curricula. Our Kits, excite and inspire as well as supporting teachers in lesson planning and reducing technical time in preparation and lesson management.



EDUCATIONAL AND LABORATORY FURNITURE

EduScience produce complete range of laboratory and class room furniture's in standard and custom made, we promise to provide you comprehensive furnishing solutions that convert your school into a place where everyone feels comfortable. It's also our challenge to remain committed to setting new standards in quality, design, and service.

PRIMARY EDUCATION SCIENCE AND MATH

EduScience aim is to support teachers by providing unique, high-quality educational tools that enhance instruction and provide engaging learning experiences that meet children's individual needs. EduScience versatile products include play and learning activity sets, manipulatives and games that build foundational skills in all subject areas through exploration, imagination and fun.



SMART MATERIAL AND FUN SCIENCE

EduScience have been working with teachers and educational specialists to deliver playful learning experiences that bring subjects to life in the classroom and make learning fun and impactful. We have a wide range of physical and digital educational resources that encourage students to think creatively, reason systematically and release their potential to shape their own future.

SERVICES



TEACHER AND TECHNICIAN TRAINING

We provide comprehensive teacher training program and lab technicians with hands on experiments

CURRICULUM DEVELOPMENTS

We work with Ministries of education worldwide to identify the best bespoke scenario for developing science, mathematics and technology education curriculum for their country, to support national aims and objectives. And introduce STEM concepts that complement the current curriculum

MICROSCOPE SERVICING

Our experienced engineers are able to service your microscopes.

BALANCE SERVICING

Our experienced engineers will service your balances and ensure that they are accurately calibrated.

PROJECTS HANDLING

We have a wealth of expertise identifying your needs and according to your curriculum requirements, packing, delivering with our own transport, and helping you unpack and check off your new laboratory equipment.

HAZARDOUS CHEMICAL WASTE DISPOSAL

We employ a specialist team of chemists to pack and label hazardous chemicals ready for removal. Our trained ADR drivers will then transport to a registered waste station, and we provide full documentation for your peace of mind.

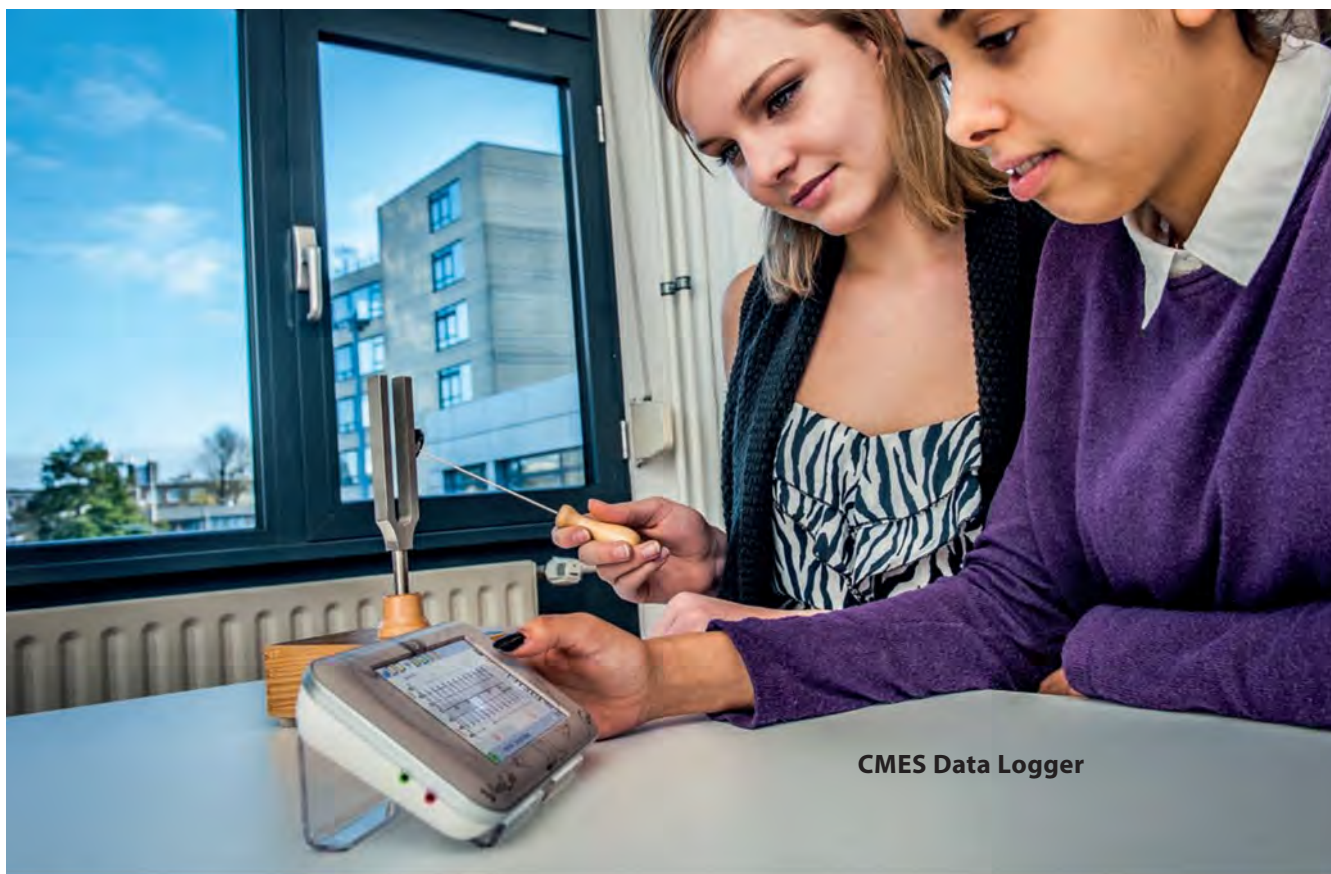
CLASSROOM AND LABORATORY REFIT

We use a professional furniture manufacturing company to assess your needs and design a tailored solution, using your chosen materials, including modern and innovative designs

BIOLOGY

- Data Logging & Sensors
- Animals & Ecology
- Human Body
- Plants and Organisms
- Genetics
- Microbiolog





CMES Data Logger

VinciLab

Modern Data-logger for Science

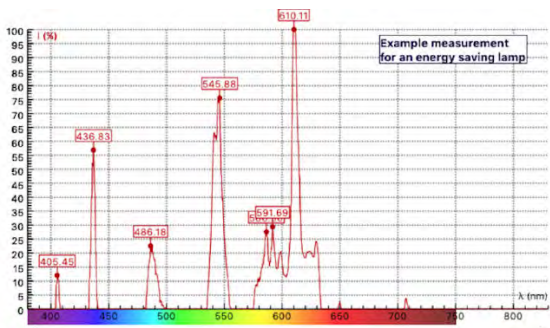


VinciLab is an advanced mobile graphic data acquisition system. It is a handheld Linux device equipped with two processors and 4GB memory. Its 5" capacitive color touch screen offers easy control of the device. For wireless connectivity VinciLab is equipped with Wi-Fi and Bluetooth. VinciLab can be used standalone and with a computer, in the classroom and in the field.



ESD50000

Operating System	Linux
Display	5" (800 x 480 pixel) capacitive color touch screen
Processors	Two: main (ARM 720 MHz) and measurement
Memory	4 GB, of which 1.5 GB user memory in the 'My Files' folder Expandable with a USB flash drive
Power	Rechargeable battery Li-ion 3.7 V, 4000 mAh USB Power Adapter (100-240 V AC, DC 5V/2A) included
Connectivity	Wi-Fi 802.11 b/g/n Bluetooth® 2.1 + EDR
Computer connection	Mini USB port also used for powering
USB port	Full USB for USB peripherals
Other ports	Audio In/Audio Out
Sensor inputs	4 analog BT (right-hand) inputs and 2 digital BT (left-hand) inputs. Each analog input can work as a counter
Built-in sensors	Sound sensor, max. frequency 44,100 Hz 3-axis Accelerometer (2g, 4g, 8g), max. frequency 400 Hz
ADC resolution	12 bits
Sampling frequency	Max. 1 MHz, simultaneously on 2 analog inputs
Outputs	Via digital sensor inputs Eight 1-bit or two analog outputs
Software on board	Dedicated Desktop Applications Coach 6 Application for data collection, graphing and analysis



Coach 7 Desktop

Our Coach software is the most versatile and complete software for STEM Education.

Coach integrates ICT tools, which resemble technologies used by professional scientists and facilitate an inquiry-based approach to education. By collecting high-quality, real-time data, constructing and using models, using simulations and visualizations, comparing results from experiments and models, students can be actively involved in authentic learning activities.

Coach 7 is the successor of Coach 6 and offers new features and enhancements of our unique and powerful environment.

5 years Single User License

ESD50013



Blood Pressure Sensor

The Blood Pressure sensor 0377i is used to measure arterial blood pressure in humans (non-invasive). It measures the pressure signal caused by the interaction between the cuff and the blood flow through the brachial artery.

Range: 20 .. 250 mm Hg

Accuracy: 3 mm-Hg

Includes: standard adult size adjustable cuff (27 cm to 39 cm) and bulb pump (with release valve).

Can be used to:

- Blood pressure as a vital sign
- Effect of exercise on blood pressure.

ESD50025



CO2 Gas Sensor Low-range

The CO2 sensor BT24i is used to monitor low concentrations of gaseous carbon dioxide. The sensor uses the Non-Dispersive Infrared Detection (NDIR) method.

Range: 0 .. 5000 ppm

Typical resolution: 20 ppm

Includes: 250-mL sampling bottle.

Can be used to:

- Investigate CO2 level during respiration of small animals and insects,
- Monitor CO2 changes during photo-respiration and photosynthesis in light/dark.
- Measure CO2 level during cellular respiration of peas or beans.

ESD50026





Dissolved Oxygen sensor *

The Dissolved Oxygen sensor BT34i can be used to measure the concentration of dissolved oxygen in water samples. The sensor is automatically temperature compensated, using a thermistor built into the sensor. Disposable caps with pre-fit membranes allow you to quickly and conveniently change membranes.

Range: 0 to 15 mg/L

Resolution (12-bit): 0.2 mg/L

Includes: replacement membrane cap, polishing strip, oxygen probe electrolyte, filling pipette, empty calibration bottle and Sodium Sulphite Calibration Standard.

Can be used to:

- Monitor dissolved oxygen concentration in an aquatic systems, measure Biological Oxygen Demand (B.O.D.) in water samples.
- Determine the relationship between the dissolved oxygen concentration and the temperature of water.

ESD50028



CO2 Gas Sensor High-range

The CO2 sensor BT25i is used to monitor high concentration of gaseous carbon dioxide. The sensor uses the Non-Dispersive Infrared Detection (NDIR) method.

Range: 0 .. 100000 ppm

Typical resolution: 1000 ppm

Includes: 250-mL sampling bottle.

Can be used to:

- Investigate CO2 levels of human breath,
- Monitor production of CO2 during chemical reactions,
- Monitor production of CO2 during decomposition of organic materials in soils.

ESD50027



ECG Sensor

The ECG sensor BT36i measures voltages that are produced by the heart. These voltages are measured at the skin of the wrists and elbow through electrodes. The voltages are amplified by the sensor and filtered and transferred through an optical coupler.

Range: 0 .. 5 mV

Resolution (12-bit): 1.2 μ V

Includes: a package of 100 electrode patches.

Can be used to:

- Monitor ECG in rest and after mild exercise,
- Investigate CG changes with mild stimulants,
- Record the electrical activity of a muscle (EMG).

ESD50029



Exercise Heart-rate Sensor

The Exercise Heart-rate sensor BT47i monitors a person's heart beat. Each time the heart beats, an electrical signal is generated. This signal is measured at the surface of the skin by electrodes embedded in the chest belt of the sensor. The system consists of a transmitter belt, plug-in receiver, and an elastic strap.

Transmitter: T31 by Polar Transmitter

Range: 90 cm

Can be used to:

- Compare the heart rate of different individuals,
- Check the person's heart rate before, before, during and after a vigorous activity,
- Monitor the recovery rate.

ESD50030



Flow Rate Sensor *

The Flow rate sensor 0387i measures the velocity of flowing water. It can be used to study the discharge, flow patterns, and sediment transport of flowing water. The Flow rate sensor is equipped with impeller rod with 5-m cable.

Range : 0 .. 4.0 m/s

Resolution (12-bit): 0.005 m/s

Can be used to:

- Measure stream flow rates,
- Investigate sediment transport,
- Determine stream discharge values

ESD50031

NOTE All * Marked sensors need a sensor cable (IEEE1394-BT) ESD50250, which has to be purchased separate.





Heart-rate Sensor *

The Heart-rate sensor 027i provides a simple way to study the heart's function. The sensor clip consists of a small infrared LED and an infrared light sensor. The sensor measures the light level transmitted through a tissue of the ear lobe that occur as the blood volume changes in the tissue.

Range : 0 .. 5 V, each heartbeat gives a peak.

Can be used to :

- Investigate the heart rate of different individuals.
- Measure of the heart rate before and after a vigorous activity.
- Determine the recovery rate of the heart after physical exercise.
- Measure the heart rate before and after drinking coffee or Coca-Cola.

ESD50032



Oxygen Gas Sensor *

The Oxygen Gas sensor BT59i measures the gaseous oxygen concentration. The wide measurement range allows it to be used in study of human and cellular respiration.

Range : 0 .. 100 %

Resolution (12-bit): 0.03 %

Lifetime : 5 years in open air

Can be used to :

- Monitor changes in oxygen concentration during photosynthesis and respiration of plants,
- Monitor respiration of animals, insects, or germinating seeds,
- Measure the oxygen levels during human respiration.

ESD50033



Spirometer Sensor

The Spirometer BT82i measures air flow rate during human respiration. The sensor consists of a flow tube through which the air is inhaled and exhaled and a differential pressure sensor.

Range : -5 .. 5 L/s

Resolution (12-bit): 0.01 L/s

Includes : disposable bacterial filter and 10 disposable mouthpieces.

Can be used to:

- Record breathing patterns before, during and after exercise,
- Measure important lung capacities like Forced Expiratory Volume, Forced Vital Capacity and Tidal Volume.

ESD50035



Temperature Sensor *

This Temperature sensor BT01 is a low-cost, general-purpose temperature sensor that can be used to measure temperature in the range of -40°C to 140°C, in liquids (water, mild acidic solutions) and air. The sensing element of the sensor is an NTC thermistor, which is positioned in a stainless steel tube. The thermistor is a variable resistor whose resistance decreases non-linearly with increasing temperature.

Range : -20 °C .. 140 °C

Accuracy : 2°C at -40°C, 0.6 at 30°C, 1.8°C at 140°C

Can be used to:

- Monitor indoor and outdoor temperatures,
- Monitor freezing and boiling water,
- Investigate the temperature during endothermic and exothermic reactions,
- Investigate evaporation

ESD50036



Relative Humidity Sensor

Relative Humidity Sensor The Relative Humidity sensor BT72i measures relative humidity. The sensor consists of an integrated circuit, which uses a capacitive polymer to sense humidity. The holes in the sensor box provide air circulation

Range : 0 to 100 %, Resolution (12-bit): 0.04 % RH

Can be used to:

- Study transpiration rates of plants,
- Optimize conditions in a greenhouse or terrarium,
- Determine good days for static electric demonstration.

ESD50034

NOTE All * Marked sensors need a sensor cable (IEEE1394-BT) ESD50250, which has to be purchased separate.





Light Sensor *

The Light sensor 0142i measures light intensities in the range between 0 and 200 lux. It consists of a photo-transistor, which receives light through a glass fibre. Because of its range the sensor is suitable for measurements in normal indoor situations.

The sensor can also be used as a light gate.

Range: 0 .. 200 lx

Resolution (12-bit): 0.05 lx

Can be used to:

- Verify inverse square law,
- Monitor changes in light caused by a chemical reaction,
- Investigate light reflection and absorption,
- Investigate light interference patterns.

ESD50037



pH Sensor

The pH sensor BT61i is a general-purpose pH measurement system that allows measuring the degree of acidity/pH value. The sensor consists of a pH amplifier and pH electrode.

The pH Electrode is not delivered with the pH sensor and has to be purchased separately (Order Code 031).

Range: 0.. 14 pH

Resolution (12-bit): 0.005 pH

Can be used to :

- Measure pH values of different acids and bases,
- Monitor pH in acid-base titration experiments,
- Monitor pH during chemical reactions,
- Investigate of water quality in streams and lakes

ESD50038



Thermocouple *

The Thermocouple sensor 0135i measures temperatures in two ranges, which can be selected using the switch. The sensor uses a thermocouple type K, which consists of Chromega and Alomega wires that are welded together to form a measuring junction.

Range: -200.. 1300 °C, -20 .. 110 °C

Resolution (12-bit): 0.39 °C, 0.035 °C

Can be used to :

- Measure the temperature inside a Bunsen burner flame or candles,
- Determine the melting point of copper, bismuth, or other solids,
- Measure temperature in specific heat experiments.

ESD50039



Turbidity sensor

The Turbidity sensor BT88i measures the turbidity of water samples in the range between 0 ... 200 NTU.

Range: 0 .. 200 NTU

Resolution (12-bit): 0.2 NTU

Includes: one empty cuvette and one cuvette containing 100 NTU Stable CAI Formazin Standard, which is used to calibrate the sensor.

Can be used to :

- Measure turbidity of a water sample from various locations,
- Determine the rate of settling of a sample,
- Measure the formation of a precipitate.

ESD50040



Pressure Sensor

The Pressure sensor BT66i is designed to measure absolute gas pressure. The pressure is measured via a pressure valve, which is located on the side of the box. The sensor has two measurement ranges, which can be selected using a switch.

Range: 0 .. 700 kPa, 0 .. 130 kPa

Resolution (12-bit): 0.2 kPa, 0.04 kPa

Includes: a plastic 20-ml syringe with Lure-lock, two plastic tubes (5 cm and 45 cm long), a three-way valve with Lure-lock connectors, two Lure-lock connectors.

Can be used to :

- Measure pressure changes in gas-law experiments, Boyle's and Gay-Lussac's laws,
- Measure vapour pressure of liquids,
- Measure air pressure for weather studies.

ESD50041

NOTE All * Marked sensors need a sensor cable (IEEE1394-BT) ESD50250, which has to be purchased separate.





Basic Biology Sensors Bundle Kit

- CO2 Gas Sensor (Low) BT24i
- ECG Sensor BT36i
- Heart-rate Sensor 027i
- Light Sensor BT50i
- PH Sensor BT61i and Electrode 031
- Temperature Sensor BT01
- Thermocouple 0135i
- Relative Humidity Sensor BT72i
- 4 Sensor Cables BTsc_4

ESD50042



Biology Sensor Bundle Extension Kit

- CO2 Gas sensor (High) BT25i
- Dissolved Oxygen sensor BT34i
- Oxygen Gas sensor BT59i
- Pressure sensor BT66i
- Spirometer BT82i
- Turbidity sensor BT88i

ESD50043



WiLab Wireless Sensor Connector

The WiLab is an easy-to-use data-logger for STEM Education that can be used for measurement and control. WiLab offers two types of connectivity:

wired via USB cable for computers (Windows and Mac), and Android tablets (via OTG cable), wireless via Bluetooth®1 for tablets (iPad, Android) and Chromebooks.

The following items are included with WiLab:

USB cable for connecting WiLab to a USB port or to the USB power adapter.

USB Power Adapter for powering WiLab and charging its battery.

User's Guide.

ESD50159

Xlogger System Introduction :

Xlogger is an innovative new data logging system using direct USB sensors & Excel* for data capture and analysis. Our sensors plug straight into USB ports on any Windows computer. No dedicated software program just Microsoft Excel*

Data is logged directly into Excel* and graphed automatically

Simple toolbar commands control everything

Completely intuitive - start logging straight away

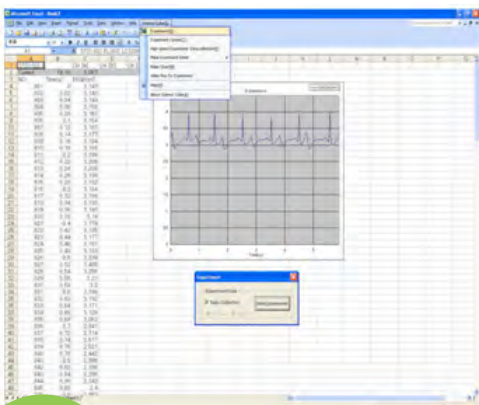
Students work in the familiar Excel* environment

All the power of Excel* for analysing data is immediately available

All the standard sensors with new ones being developed

Simply plug them in and start logging (no calibration needed)

Robust construction and encapsulated leads



ES Data-Logging Software

Xlogger is an innovative new data logging system using direct USB sensors & Excel* for data capture and analysis. Our sensors plug straight into USB ports on any Windows computer. No dedicated software program just Microsoft Excel*

Data is logged directly into Excel* and graphed automatically
 Simple toolbar commands control everything
 Completely intuitive - start logging straight away
 Students work in the familiar Excel* environment
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 All the standard sensors with new ones being developed
 Simply plug them in and start logging (no calibration needed)
 Robust construction and encapsulated leads



ESD50014





USB Temperature Sensor
Xlogger Stainless Steel Temperature Sensor.
Range : -25°C to 125°C
Resolution : ±0.1°C

ESD50185



USB Relative Humidity Sensor.
Xlogger Relative Humidity Sensor.
Range : 0 to 100%
Resolution : ±0.4%
Accuracy : ±2% at 25°C

ESD50187



PH electrode
The pH electrode 031 is a gel-filled Ag-AgCl combination-electrode in a plastic tube. It has a coax cable, with a BNC connector. It is supplied in a bottle filled with a protective solution. The electrode cannot be refilled.

ESD50242



USB Oxygen Sensor
Xlogger Oxygen Sensor.
Range : 0 - 100% Oxygen

ESD50184



USB Barometer Sensor
Xlogger Barometer.
Range : 0 to +2068 hPa (mbar)
Resolution : 0.6 hPa

ESD50188



USB Light Sensor
Xlogger Light Sensor.
Range : 0 - 15,000 Lux

ESD50186



USB Turbidity Sensor
Xlogger Turbidity Sensor.
Range : 0-200 NTU
Accuracy : ±2NTU under 25NTU, ±5% over 25NTU

ESD50189





Disposable Bacterial Filter

Disposable bacterial filter for Spirometer BT82i.

ESD50243



Disposable Mouthpiece

Package of 100 disposable mouthpieces for Spirometer BT82i.

ESD50244



Electrode Patches

Package of 100 electrode patches for ECG sensors 0628i, BT36i and ML84m.

ESD50245



Adapter 4mm – BT

For connecting sensors with 4-mm plugs to interfaces with BT inputs such as CMES,

ESD50248



BT-BT Extension Cable (Analogue)

A 5-m long cable for extending the length of analogue BT sensor cables.

ESD50247



CO2 to O2 Tee

The CO2-O2 Tee allows connecting a CO2 Gas Sensor and O2 Gas Sensor to be used at the same time.

ESD50246



Disposable Bacterial Filter

(Pkg of 1)

For BT82i Spirometer

ESD50252

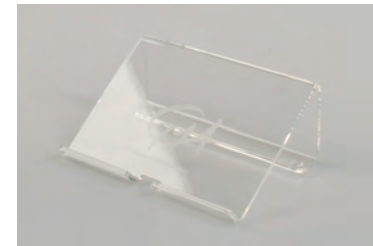


Disposable Mouthpiece

(Pkg of 100)

For BT82i Spirometer

ESD50253



Data Logger Stand

Plastic stand for the CMES data-logger.

ESD50249



Photosynthesis set incl.

Chamber and LED lamp

ESD50254



Replacement Membrane Cap

for BT34i DO sensor

ESD50251



BT - IEEE1394 Cable

The BT – IEEE1394 sensor cable (1.5 m length) is used for BT sensors, which are equipped with the IEEE1394 socket.

These sensor cables are sold per piece (BTsc_1) and in packages of four (BTsc_4).

ESD50250

4 X BT-IEEE1394 Sensor Cable

set of 4 nos bt ieee1394 sensors cable

ESD50255



NEW

EduScience Wireless Sensors

EduScience Wireless Sensors can be used to measure without an interface. They are simple, user-friendly, and offer more mobility and flexibility. They can be used anywhere without the need for power or wired connections and are suitable for a wide range of student experiments.

Connectivity: The sensors operate wirelessly via Bluetooth or wired via USB and can be used with a variety of

Devices: computers, Chromebooks and mobile devices.

Display: The sensors are equipped with a color OLED screen which displays the battery level and the measured sensor value. This unique feature makes the sensors suitable for use as independent measuring devices.

Battery: The sensors have a large battery capacity and a smart way to save power by automatically turning off when they're not used. They can be used an average of 12 hours without needing to be charged.

work with all platforms on which the ES Data logging Coach software works.

Wireless Temperature Sensor

Range:- 40 to 125 C

Range : -40 to 125 C

Resolution : 0.06 C

can be used for the Following Experiments :

- Principle of the mixture.
- Cooling.
- Thermal equilibrium.
- Specific Heat Of Metals.
- Radiation equilibrium



ESD50046

Wireless Pressure Sensor B

Range: -1000~+3000hPa

Resolution:0.244 hPa

Wireless gas pressure sensor" measures relative values to ambient pressure. When measuring pressure, it

converts to an intermediate form, such as a displacement, which converts the displacement into an electrical output, such as a voltage or current. This wireless sensor does not require a separate cable so that can be used easily in complex experiment environments. Also, it is possible to connect up to 4 sensors at same time, so you can use it with other kinds of sensors together.

Experiment list ; Boyle's Law ; Cloud creation principle

Reaction rate according to acid concentration

Solubility of Gas with Temperature



ESD50103



Wireless PH Sensor

Range : 0~14 pH

Resolution: 0.001 pH

Wireless pH sensor is a sensor that measures hydrogen ion concentration.

It is a principle to determine the pH value from the potential difference between the glass electrode and the reference electrode with two standard solutions that know the pH value.

The Science Cube Wireless pH Sensor does not require a separate connection cable, so it can be easily used in complex experimental environments such as monitoring pH change during neutralization of acid-base, chemical reaction and checking pH in a water tank during photosynthesis.

You can use this sensor for investigation of acid rain and water quality as well. Experiment

list Neutralization

PH measurement of various solutions

ESD50098



Wireless pH with Glass Body (100°C)

Range : 0~14 pH

Resolution: 0.001 pH

Wireless pH sensor is a sensor that measures hydrogen ion concentration.

It is a principle to determine the pH value from the potential difference between the glass electrode and the reference electrode with two standard solutions that know the pH value.

The Science Cube Wireless pH Sensor does not require a separate connection cable, so it can be easily used in complex experimental environments such as monitoring pH change during neutralization of acid-base, chemical reaction and checking pH in a water tank during photosynthesis.

You can use this sensor for investigation of acid rain and water quality as well. Experiment

list Neutralization

PH measurement of various solutions

ESD50098GS





Wireless Conductivity Sensor

Range: 0~4 20:000 uS/cm

Resolution: 0.3 uS/cm

The wireless conductivity sensor can measure the conductivity of a solution or the total ion concentration of an aqueous sample. Conductivity measurement can directly infer the super ion concentration of the sample, even if the specific ion is unknown during the environmental test of the aqueous sample.

Experiment list

Significance of cell division

Electrolytes and non-electrolytes

Neutralization reaction

ESD50099



Wireless Light/Color/UV Sensor

Range : -12.5 ~+12.5 mA

Range: - Illuminance: 1 ~199,000

lux Chromaticity: 1 to 65,535 counts

UV: 0-11 UV index

Resolution - Illuminance: 0.1 lux

Chromaticity: 1 count

UV: 0.1 UV index

The wireless Light/Color/UV sensor is a sensor that measures wavelengths from the visible light range to the ultraviolet range so that optics-related experiments can be carried out.

Experiment list

Light intensity according to distance photosynthesis

The brightness of the light bulb depending on the battery light synthesis Principle of sunscreen

ESD50169



Wireless CO2 Gas Sensor

Range: 0~5.000 ppm

Resolution: 2.44 ppm

The wireless CO sensor can measure carbon dioxide in the air or in confined spaces such as botanical gardens and animal kennels. In addition, it is a sensor that can measure the amount of carbon dioxide produced by respiration of small creatures such as crickets by using an experimental tool such as an Erlenmeyer flask. Experiment list Yeast respiration photosynthesis Respiratory rate as a function of temperature Metabolic rate of insects according to temperature Changes in citric acid and sodium bicarbonate

ESD50051



Wireless Oxygen Gas Sensor

Range: 0 ~ 25%

Resolution: 0.01%

The wireless oxygen sensor is a sensor that accurately measures the amount of oxygen in the air or in an enclosed space, The wide range enables any experiment or measurement, and can measure atmospheric air along with carbon dioxide,

Experiment list

Photosynthesis

Plant oxygen

ESD50049



Wireless Electrode Amplifier Sensor

ESD50166



Wireless Colorimeter/ Turbidity Sensor

Measurement Range: ±0.5 V, ±2 V, ±10 V

Measurement range: ±0.5 V, ±2 V, ±10 V

Display: 0.96"

Battery: Li-polymer (700mAh)

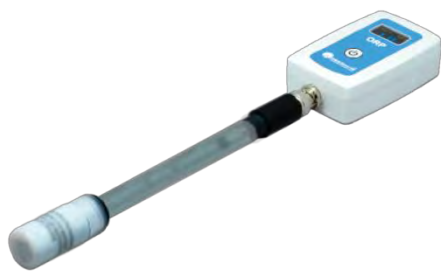
Wireless: BLE 4.2

Wired: USB-C

Experiment list : Charging measurement by induction and frictional contact

ESD50105





Wireless ORP (Oxygen Reduction Probe) Sensor

Range: -450 ~41,000mV

Resolution: 0.5mV

Wireless ORP sensor ORP sensor is a test device that measures the ratio of oxidation (loss of electrons) and reduction (gain of electrons) of dissolved substances in solution.

The unit is m, and it can be measured together with the pH value of a solution.

Experiment list :Measurement of redox degree
Transformation of Coke

ESD50101



Wireless B-Differential Gas Pressure Sensor

Range: -650 ~ 4650 hPa

Resolution: 0.355 hPa

Wireless pressure sensor B has a narrower range than pressure sensor A.

It can measure pressure more accurately, has excellent resolution and is used in chemical experiments where a small amount of gas is generated.

Experiment list

- Decomposition of hydrogen peroxide
- How clouds are formed
- Reaction rate according to surface area
- Experiment list
- Decomposition of hydrogen peroxide
- How clouds are formed
- Reaction rate according to surface are

ESD50102

Wireless Heart Rate Sensor Measurement

Range: 0 ~ 250 BPM

Resolution: 1 BPM

Display: 0.96"

Battery: Li-polymer (700mAh)

Wireless: BLE 4.2 - Wired: USB-C

Experiment list: Comparison of atrial rate before and after exercise
Measurement of effects of stimulants, etc. (caffeinated beverages such as cola, coffee, etc.)
Measure your heart rate during various movements (sitting, standing, sudden movements, etc.)

ESD50053



Wireless Fine Particles Sensor

Range :0~ 500 min

Resolution: 1 am

The wireless fine dust sensor can measure fine dust in the air and simultaneously measure fine dust (10um) and ultrafine dust (2.5um).

Experiment list

- Measure whether fine dust is generated when using a gas stove
- Measurement of fine dust in the air
- Measuring the effect of air purifying plants
- Measurement of fine dust according to location

ESD50055



Wireless Temperature / Humidity Sensor

Range: 0~100%

Resolution: 2%

Wireless temperature-humidity sensor is a sensor that can measure relative humidity and temperature at the same time. It outputs a voltage according to the relative humidity in the air and detects humidity by air circulation.

Experiment list

- Measurement of evaporation rate according to humidity
- Observation of optimal growth conditions by relative humidity in greenhouses, etc.
- Comparison of static electricity generation according to humidity

ESD50048



Wireless Hand Grip Heart Rate

ESD129HRWL

Wireless EKG Sensor

Range: 0~5 mV

Resolution: 5 UV

Experiment list

- ECG measurement
- Stimulus and response
- Comparing visual, auditory and tactile response times

ESD50052



Wireless Thermocouple Temperature Sensor

Range: -200 ~ 1200°C

Resolution: 0.6 °C

Experiment list

Flash point measurement

Temperature measurement for inner flame, outer flame and flame core



ESD50047



Wireless Dissolved Oxygen Sensor

Range : 0~50 mg/L

Resolution: 1%

The wireless DO sensor is an optical dissolved oxygen sensor and is a wireless DO sensor for measuring dissolved oxygen in aqueous solution.

Measured values are automatically compensated for temperature, barometric pressure and salinity

Experiment list

Photosynthesis of aquatic plants

Water quality measurement

ESD50048

Wireless Weather Station

Temperature: -40 -60°C

Humidity: 0-100 %RH

Barometer: 300-1,100hPa

Wind Direction: 0-360°

Wind Speed: 0-30 m/s -Light: 0

188,000 Lx - UV: 0-10 Index

The wireless weather sensor is a multi-sensor that can measure various meteorological measurement with one sensor.

Built-in display and wireless communication add portability and convenience.

Experiment List

Weather observation during the day

Weather forecast through change

of weather information in

our village. Compare the

weather in your current

location with the local weather forecast.



ESD50056



Wireless Spirometer Sensor

Range: -5~5 L/s

Display : 0.96"

Battery : Li- polymer (700mAh)

Wireless : BLE 4.2

Wired : USB-C

Experiment list

Spirometry

Pulmonary function test

ESD50054



Wireless Salinity Sensor

Range: 0~ 50 pot

Resolution: 0.02 pot

Experiment list Measuring sea salt level Measuring salinity by season

ESD50100

Eco Chamber for Sensors

Vacuum test equipment - storage case

You may use the chamber with different sensors like Temperature , Humidity , Pressure to perform several Experiment as below :

Choco Pie is getting bigger

Why rice is undercooked in the mountains

What does it sound like?

How can an airplane fly

What happens when the air gets warmer?



ESD50269





Butter Fly Net
Butter fly net with metal handle
ESB50351



Insect Net
Insect net with metal handle
ESB50352



Insects Set Jumbo
Set of different insect made of plastic, large size
ESB50354



Bug Bot
Plastic viewers with 2X lenses and grid printed on the base. Diameter: 50mm.
ESB50353



Magnifier 2 Way
These ideal first microscopes consist of a slide tray, a vertical microscope which allows the pupils to study specimens from above, and a horizontal viewer which allows the study of specimens from below. The vertical section, when in place, forms a sealed unit which prevents any live insects from escaping, but can also be lifted off and used as a magnifying glass.
ESB50461



Soil Test Apparatus
Use to measure soil pH.
Consist of :
Test Tube \varnothing 16 x 150 mm 4 pcs
Test Tube \varnothing 13 x 100 mm 6 pcs
Dropping Pipette 15 cm, Red Bulb 2 pcs
Barium Sulphate (100 g/bottle) 1 pc
Aquadest (200 ml/bottle) 1 pc
Spoon, Stainless Steel 1 pc
Universal Indicator (10 booklet/pack) 1 pc
Test Tube Brush \varnothing 24 mm 1 pc
Manual Book Soil Test Apparatus 1 pc
Wooden Box 1 pc
Dimension :
(L) 20.00 x (W) 19.00 x (H) 19.00 cm
Weight : 1.330 kg

ESB50356



Trundle Wheel
Clicker can be set to 3 positions (off, every 100mm or every metre). Moulded in strong plastic with a hard wearing tyre for use indoors or outside.
ESB50355



Sieves SET
15cm dia. 5 mesh, 10 mesh, 40 mesh, 60 mesh, 120 mesh, 250 mesh with cover & bottom plate.
ESB50357



Hydrometer

HYDROMETER measuring range : 1.0001.200-

HYDROMETER measuring range : 1.2001.400-

ESB50358

ESB50359



Crystallizer Cold Chamber

EduSciences convenient portable Crystallizer Cold Chambers provide an inexpensive alternative to the traditional chill table. Feature removable 60 mm x 15 mm clear polystyrene specimen dishes ideal for handling live insects such as Drosophila and mosquitoes. Insects are immobilized for study by subjecting them to cold temperatures. Product includes two 9 cm diameter polypropylene Crystallizers, which are placed in a freezer for one to two hours until they reach a temperature of -18°C (0°F). The polystyrene specimen dish is placed on the chilled metal surface of the Crystallizer to protect insects as they remain chilled for examination. Each Crystallizer will require re-chilling after approximately one hour. Two Crystallizers are provided so that one may be chilled while the other is being used. Prior to first use, freeze Crystallizers overnight. Specimen Chambers Pack of 10 Grades 9-14

ESB50360



Cells I

The focus of this kit is to learn about cell structures and organelles and correlate cell structure with function. Students view living and dead cells, prokaryotic and eukaryotic cells, live plant and animal cells, and live micro-organisms from pond water. Students gaining experience making wet mounts and stain cells using iodine and methylene blue. Includes cell theory, mitosis and cytokinesis. Designed to share reagents in groups of four. Requires microscopes, goggles, gloves, pond water, potato, and onion. Grade 7-10. Box dimensions B-Box 12 x 11 x 4-1/2 inches, Grades 7-10.

ESB50462



Cells II

(Lab Supports Photosynthesis and Respiration, Energy Storage and Transport) Students model cellular osmosis and diffusion in the lab and study the different methods of cellular transport; passive transport, active transport, facilitated diffusion, pinocytosis and phagocytosis. Students learn how plant and animal cells obtain and store chemical energy. They learn how energy is released during cellular respiration and stored as ATP. They compare the energy content of carbohydrates, lipids, and proteins using calorimetry. They compare the processes of anaerobic and aerobic respiration and the organisms in which each occurs. Students study the process of photosynthesis and separate simulated plant pigments using paper chromatography. Requires thermometers, beaker, test tubes, test tube support, goggles, scissors, coloured pencils, matches, and food samples for calorimetry. Grades 7-10..

ESB50463





Chart - General Zoology-I Set

Set of 8 charts covering different topics General Zoology - each Size 50x70cm

Includes : Typical Animal Cell * Animal Mitosis * Hydra * Paramecium* Amoeba Proteus * Hookworm * Tapeworm * Earthworm.

ESB50375

Chart - General Zoology-II Set

Set of 8 charts covering different topics General Zoology - each Size 50x70cm

Includes : Euglena * Animal Kingdom * L.H. Of Frog (Metamorphosis)* L.H. of Mosquito * Epithelial & Connective Tissue * Simple & Complex Tissue * Rabbit Dissection & Skeleton

ESB50376

Chart - General Zoology-III Set

Set of 8 charts covering different topics General Zoology - each Size 50x70cm

Includes : Frog Anatomy and Skeleton* Frog Digestive * Frog Circulatory * Frog Respiratory System* Frog Nervous System* Frog Reproductive System (Male)* Frog Reproductive System (Female)* Frog Heart

ESB50377

Chart - General Zoology-IV Set

Set of 8 charts covering different topics General Zoology - each Size 50x70cm

Includes : Rat Excretory System* Rat Digestive System* Rat Circulatory System* Rat Reproductive System (F)* Rat Reproductive System (M)* Rat Anatomy, Dissection showing internal organs (F)* Rat Brain and Heart

ESB50378





The Fish Factory

The purpose of this exercise is to stress the relationship between structure and function and to study the adaptability of fish to their environments. The activities teach about classification systems, anatomy, habitats, and behaviour. Students create a new fish and assign their creation a genus and species name. Then they coordinate its habitat, survival techniques, behaviour, and feeding patterns. At the end of their project, students defend the characteristics they have selected for their new fish species in a five minute presentation. Designed for 24 students working in groups of two. Grades 5-9

ESB50464



Resources Of The Living Ocean

The activities in this kit examine the uniqueness and importance of fish and elodea algae; two of the main living resources of the ocean. Students study the relationship of form and function in fish as they examine fin shapes and sizes, body shapes, mouth size and shape, colour and camouflage. Students predict habitats and behaviours by observing structures on fresh fish and may use a dichotomous key to identify the fish by genus species. They will study oxygen production through photosynthesis in elodea. Required, but not included: microscopes, fresh whole fish, elodea, lamps or sockets with bulbs, ice and a cooler, and glassware. Designed for 24 students working in six groups of four. Grades 9-12

ESB50465



American Beaver Skull

Highly detailed, anatomically correct plastic replica of an American Beaver skull. This robust, high-quality replica is perfect for classroom studies at any level.

The American beaver is the largest rodent found in North America. These aquatic herbivores make large dams of wood and mud to flood and create habitat. Using their large incisors, beavers can chew through the biggest trees. It is for this reason that the American beaver has become a nuisance in some areas where they are overpopulated.

ESB50466



Animal Adaptation Skull Kit - Birds

Highly detailed, anatomically correct plastic replicas of a selection of birds. This robust, high-quality replica is perfect for classroom studies at any level. This kit examines some unique beak adaptations used for feeding and communication. Kit includes: Curriculum and teaching guide, Toucan, Ibis, Great-horned owl, and Spoonbill skull replicas.

ESB50467





American Black Bear Skull

Highly detailed, anatomically correct plastic replica of an American Black Bear skull. This robust, high-quality replica is perfect for classroom studies at any level.

The American black bear is found in disjointed populations from Alaska to Mexico. Black bears are omnivorous feeding on plants, berries, insects, small vertebrates and carrion. Black bears grow to reach six feet tall and can weigh over 300 pounds. The American black bear is a skilful climber and can run up to 25 miles per hour. Also available, black bear articulated fore paw. This specimen is perfect for comparative anatomy with a human hand.

ESB50468



Badger Skull Model

A life size plastic cast of a carefully selected adult Badger (Meles Meles) skull. The mandible is articulated and the dentition is complete, clearly showing the characteristics of a typical carnivore. The skull has the excellent surface detail typical of ES skulls, is robust enough for students to handle and easily cleaned with soapy water.

ESB50470



Animal Adaptation Skull Kit - Mammals

Highly detailed, anatomy

Mammals are a very diverse order of animals. They inhabit nearly every corner of the Earth. This kit focuses on a few of the extreme adaptations mammals have made to occupy their many niches. Kit includes: Curriculum and teaching guide, Owl monkey, Giant anteater, and Sea otter skull replicas.

ESB50469



Cat Skull, Model Plastic

A life size plastic cast of a carefully selected adult cat skull. The mandible is removable and the dentition is complete, showing the characteristics of a typical carnivore. This robust cast shows excellent detail and is ideal for handling by students. It is easily cleaned with soapy water.

ESB50472

Bird Of Prey Skull Kit

Highly detailed, anatomically correct plastic replicas of a selection of birds of prey. This robust, high-quality set is perfect for teaching about birds of prey (raptors) and their unique predatory adaptations and lifestyle. Kit includes: Curriculum and teaching guide, Red-tailed hawk, Great-horned owl - P Eregreine falcon, and Bald eagle skull replicas.

ESB50471





Chimpanzee Skull Model, Plastic

A life size plastic cast of a carefully selected adult female Chimpanzee. The mandible is removable and the dentition is complete. The skull is robust enough for students to handle and is easily cleaned with soapy water.

Size 13x13x21cm.

ESB50473



Comparative Skull Set

Highly detailed, anatomically correct plastic replicas of a selection of animals. This robust, high-quality skull set gives the student the opportunity to compare the skulls and dentition of two carnivores, two herbivores and one omnivore, as well as a bird and a reptile.

Set Contains: Turtle, Fox, Turkey, Rabbit, Bobcat, Skunk and Porcupine.

ESB50474



Dietary Skull Set

Highly detailed, anatomically correct plastic replicas of a selection of mammals. This robust, high-quality skull set is perfect for classroom studies at any level. These mammal skulls demonstrate their dietary differences - illustrated by each animals dentition. The coyote and mink show the typical slicing carnivore teeth, while the beaver and muskrat show the grinding crushing molars consistent with herbivorous diets. The raccoon and skunk, both being omnivorous, possess both sharp, slicing canines and broad flat molars.

Set Contains: Coyote, Beaver, Raccoon, Mink, Muskrat and Skunk.

ESB50475



Domestic Pig Skull Model

Highly detailed, anatomically correct plastic replica of a Domestic Pig skull. This robust, high-quality replica is perfect for classroom studies at any level.

The domestic hog, also known as swine, wild boar or feral hog, descended from introductions of Eurasian wild hogs. Pigs are believed to have been domesticated in Asia between 7000 and 10,000 years ago. Today, the domestic hog is farmed world wide as a food source. Feral, or wild, hog populations exist in the US from escaped domestic swine and introduced specimens for sport hunting.

ESB50477



Dog Skull Model , Plastic

A life size plastic cast of a carefully selected medium size adult dog skull. The mandible is removable and the dentition is complete, clearly showing the characteristics of a typical carnivore. The skull has the excellent surface detail typical of ES skulls, is robust enough for students to handle and easily cleaned with soapy water.

ESB50476





Gorilla Skull, Plastic

A life size plastic cast of a carefully selected adult male Gorilla, the largest of the primates. The mandible is removable and the dentition is complete. The skull is robust enough for students to handle and is easily cleaned with soap and water.

Size 18x20x40cm.

ESB50478



Hare Skull

Highly detailed, anatomically correct plastic replica of a Hare skull. This robust, high-quality replica is perfect for classroom studies at any level. The Hare, also called the Jack-rabbit in the United States, is found throughout most of the world. They are born precocial, meaning they are born with hair and are independent shortly after birth. Hares and Jack-rabbits are probably best known for their large ears and powerful hind jumping legs.

ESB50479



Hedgehog Skull

Highly detailed, anatomically correct plastic replica of a Hedgehog skull. This robust, high-quality replica is perfect for classroom studies at any level.

Hedgehogs are covered with sharp quills that aid in their protection. Many species of hedgehogs can roll into a ball, hiding all vulnerable areas of the body under the protective spines. Hedgehogs live under logs or in burrows that they dig. They eat a wide variety of foods, including invertebrates, reptiles, carrion, roots, and fruits. Hedgehogs are active only at night, and some species hibernate in the winter.

ESB50480



Mountain Goat Skull

Highly detailed, anatomically correct plastic replica of a Mountain Goat skull. This robust, high-quality replica is perfect for classroom studies at any level.

The mountain goat is found in North America from southern Alaska, throughout much of British Columbia and into north-western United States. This agile species inhabits mountainous rocky cliffs and hillsides generally above the tree line. The mountain goat is an herbivorous browser feeding on shrubs, grasses, berries and lichens. Horns are found in both male and females of this species.

ESB50481



Mouse Skull

Highly detailed, anatomically correct plastic replica of a House Mouse skull. This robust, high-quality replica is perfect for classroom studies at any level.

The term «mouse» can refer to any number of small rodents within the Muridae family. The House mouse *Mus musculus*, is often associated with human populations and can be found on every continent. Mice, like all rodents, have ever growing incisors, and therefore, need to chew on wood or other materials to wear them down. This, along with their appreciation for human food and crops, and the propensity to spread disease, causes the mouse to be one of humanity's worst pests.

ESB50482





Orangutan Skull, Plastic

A life size plastic cast of a carefully selected adult male Orang Utan. The mandible is removable and the dentition is complete. The skull is robust enough for students to handle and is easily cleaned with soap and water.
Size 16x16x18cm.

ESB50483



Predator & Prey Skull Set

Highly detailed, anatomically correct plastic replicas of a selection of predator and prey skulls. This robust, high-quality replica skull set is perfect for classroom studies at any level. Offers two of the most common and abundant predators found in North America and three of the most common prey. The Coyote & Bobcat also fill similar prey niches on the North American food chain. Nicely demonstrates the natural order of things in the predator/prey world and shows anatomical features that make a predator successful. Set Contains: Coyote, Bobcat, Rabbit, Squirrel & Turkey.

ESB50484



Rabbit Skull, Plastic

A life size plastic cast of a carefully selected adult rabbit skull. The mandible is removable and the dentition is complete. This robust cast shows excellent detail and is ideal for handling by students. It is easily cleaned with soapy water..

ESB50485



Sheep Skull Model, Plastic

A life size plastic cast of a carefully selected adult sheep skull. The mandible is removable and the dentition is complete, clearly showing the characteristics of a typical herbivore. The skull has the excellent surface detail typical of ES skulls, is robust enough for students to handle and easily cleaned with soapy water.

ESB50488



Rainforest Skull Kit

Highly detailed, anatomically correct plastic replica of a selection of Rainforest animal skulls. This robust, high-quality replica skull set is perfect for classroom studies at any level. The tropical rainforest is home to the most biodiversity on the planet. This unique habitat has many wonderful species that have adapted to living in this lush environment. Kit includes: Curriculum and teaching guide, Spider monkey, Sloth, Toucan, and Ocelot skull replicas.

ESB50486





Red Fox Skull Model

Highly detailed, anatomically correct plastic replica of a Red Fox skull. This robust, high-quality replica is perfect for classroom studies at any level.

The red fox is native to North America, Europe and most of Asia and has been introduced to Australia and Africa. Although a member of the order Carnivora, the red fox is essentially an omnivore. It mostly eats rodents, lagomorphs, insects, fruit and occasionally carrion. Red foxes have a characteristic manner of hunting mice. The fox stands motionless, listening and watching intently for a mouse it has detected. It then leaps high and brings the forelimbs straight down forcibly to pin the mouse to the ground.

ESB50487



Small Clawed Otter Skull

Highly detailed, anatomically correct plastic replica of a Small-clawed Otter skull. This robust, high-quality replica is perfect for classroom studies at any level.

The small-clawed otter is native to south-eastern Asia. This species, as its name suggests, has greatly reduced claws, a characteristic shared by all three species within the *Aonyx* genera. The small-clawed otter is carnivorous feeding on crustaceans, molluscs and small amphibians. This intelligent species has been trained and employed by Malaysian fishermen to catch and deliver fish.

ESB50489



Transparent Canine Jaw, Life-Size

A life-size model of a canine jaw from a medium to large dog. This upper and lower jaw is modelled in transparent material to facilitate the illustration of the individual tooth roots in the canine jaw. The teeth are individually moulded and anatomically correct. Model is supplied as an upper and lower jaw complete with articulator.

ESB50490



Star Fish Model

the model features a detailed study of star fish. Three arms and the central disc of the star-fish are greatly enlarged. Asterias are dissected to show ventral and dorsal surfaces, digestive and water vascular systems, gonads, nerve ring and radial nerves, and the skeleton. A fourth arm is cross-sectioned to show the coelom and tube feet. The surface illustrates the podia and pedicel-lariae. The model can be removed from its stand for closer examination. With numbered Key Card.

Dimensions : 45x40x6cm

Weight : 2000g

ESB50460

Star Fish Model On Stand

The model provides a comprehensive examination of a starfish. Three arms and the central disc are significantly magnified for detailed observation. Asterias specimens are dissected to reveal ventral and dorsal surfaces, digestive and water vascular systems, gonads, nerve ring and radial nerves, as well as the skeleton. Additionally, a fourth arm is cross-sectioned to display the coelom and tube feet. The model's surface showcases podia and pedicel-lariae. It can be detached from its stand for closer inspection and includes a numbered Key Card for reference.

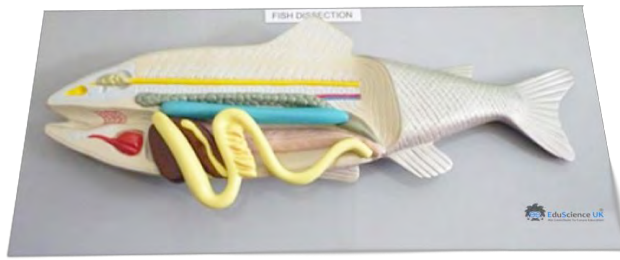
The model is securely mounted on a base With a stand, providing stability for educational or display purposes.

Dimensions : 53*38*13 cm

Weight :3500 g

ESB50457





Fish Model

The model depicts a lateral view of a standard dissection of a typical bony fish. It showcases various features such as the digestive tract, gills, fins, gonads, and swim bladder. Additionally, some details of the nervous, circulatory, and skeletal systems are also highlighted. Carefully painted and mounted on a plastic base
 Base Dimensions : 37.5x17cm.

ESB50491



NEW



Fish Model On Stand

This life-size model, consisting of five parts, illustrates the anatomy of a typical bony fish. On the right side, it displays external structures such as fins, eyes, and nostrils, while the left side is longitudinally sectioned to unveil internal characteristics . The detachable components comprise:
 Half head , Branchial arch , Liver with intestine , Gas bladder
 The model is mounted on a base with a stand.
 Dimensions: 40x26x24.5 cm
 Weight: 1500 g

ESB50447

NEW

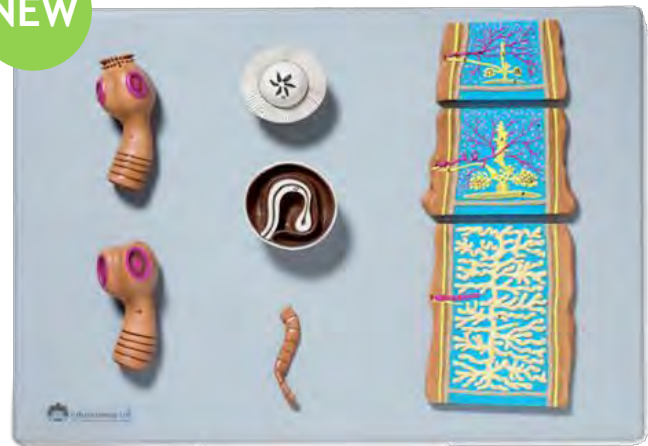


Chromosome Model

This single-piece model, 10000X enlarged, shows the structure of a human chromosome. All the main parts- centromere, telomere and loops - are extremely accurately reproduced.
 The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 15*15*37CM
 Weight : 520g

ESB51387

NEW

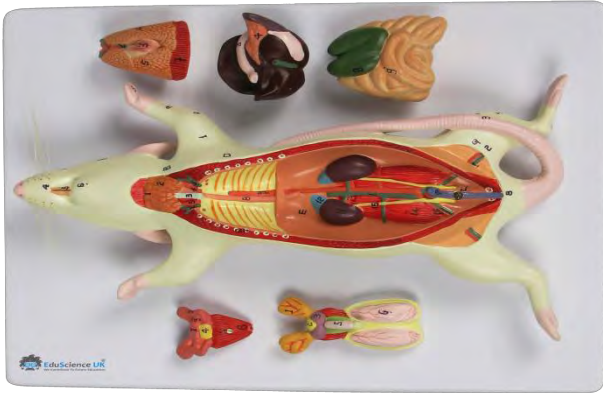


Comparative Tapeworm Model

This model provides a comparative analysis of the structures of Taenia saginata and Taenia solium scolex. It also illustrates the anatomy of the proglottid at three different stages of maturation: immature, mature, and gravid. Important structures such as suckers, hooklets, uterus, and testis are clearly labeled and referenced in the accompanying manual, making it an effective educational tool for studying the morphology and lifecycle of these parasitic organisms.
 The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 53*38*9.5cm
 Weight : 750g

ESB50456





Rat Dissection Model

This life-size model, consisting of six parts, serves as a crucial resource for zoological studies, offering a lifelike representation of rat anatomy. Through ventral dissection, it unveils the heart, lungs, liver, intestines, as well as the male and female reproductive systems. Additionally, the internal organs can be detached for more detailed inspection.

Dimensions : 23*18*5.5 cm

Weight : 430 g

ESB50492

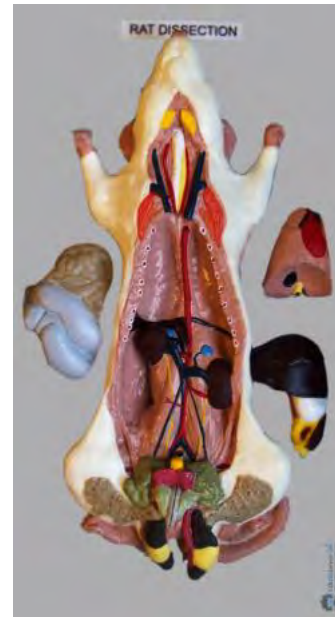
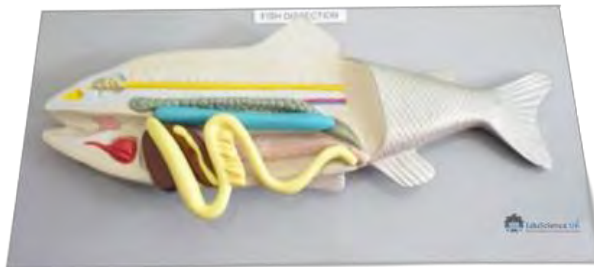
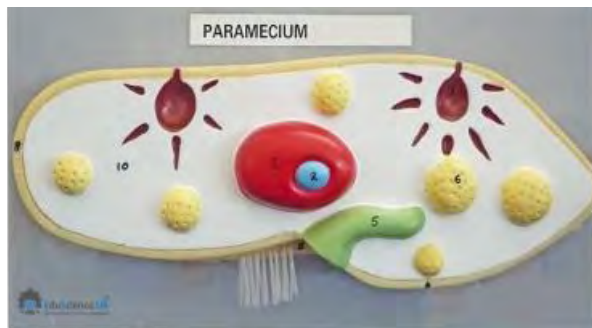


Rat Model General Dissection

An ideal introduction to mammalian anatomy, which can be used in the classroom in place of some dissections. Clearly coloured, the model is male, life size and mounted on a plastic base. The heart and lungs, liver and stomach, and intestines are removable to show other internal organs. A key card with 5 detailed diagrams is supplied.

Dimensions : 30*15 cm.

ESB50494



Rat Model / Fish Model / Paramecium Model

Set Of 3

A set of three models: Rat Model / Fish Model / Paramecium Model

Rat Model : An ideal introduction to mammalian anatomy, which can be used in the classroom in place of some dissections. Clearly coloured, the model is male, life size and mounted on a plastic base. The heart and lungs, liver and stomach, and intestines are removable to show other internal organs. A key card with 5 detailed diagrams is supplied.

Base size 30*15 cm.

Fish Model : Lateral view of a general dissection of a typical bony fish. The features shown include digestive tract, gills, fins, gonads and swim bladder. Some detail of the nervous, circulatory and skeletal systems also shown. Carefully painted and mounted on a plastic base

Size 37.5*17 cm.

Paramecium Model : A detailed model showing internal and external features of Paramecium, including mega nucleus, micronucleus, oral groove, buccal cavity, food vacuoles, contractile vacuoles, trichocysts and locomotory cilia. Mounted on base and supplied with key card.

Dimensions 25*12 cm.

ESB50493



Bird Dissection Domestic Hen Model

This life-size model, composed of eight parts, provides a comprehensive depiction of hen anatomy. On one side, it illustrates the external morphology, while the longitudinally sectioned portion on the other side reveals internal structures including muscles, heart, liver, intestine, stomach, lungs, reproductive system, and an egg. Accompanying the model is a multilingual key card identifying 39 structures.
 Dimensions : 40*26*47.5 cm
 Weight : 2400 g

ESB50451



Fetus Pig Dissection Model

The fetus pig model typically represents the anatomy of a developing pig embryo. It may come in various sizes depending on the stage of development being depicted. These models are commonly used in educational settings, particularly in biology and veterinary science, to study fetal development and anatomy in mammals. They often feature lifelike details and can be dissected to explore internal structures.
 Dimension : 39.5*53.5*18 cm

ESB50448



Fetus Cat Dissection Model

The cat model is a life-size representation of feline anatomy, it includes detailed musculature on one side to study superficial muscles and removable organs on the other side for examining internal structures. The model helps students learn about the anatomy and physiology of cats, including their skeletal system, muscles, internal organs, and reproductive system.
 Dimension :53*38*12 cm
 Weight :2800 g

ESB50452



Cat Skeleton Model

Highly detailed, anatomically correct plastic replica of a Cat skeleton. This robust, high-quality replica is perfect for classroom studies at any level. The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimension : 64*13*23.5 cm
 Weight : 950 g

ESB50607





Canine Dissection Model

This is life size dog anatomical model. Right size shows the superficial muscles. Main organs can be taken out to study the internal structure.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 52*42*11 cm

Weight : 2100 g

ESB50450



Canine Skin Model

Enlarged cross-section of canine skin. One side features normal skin anatomy extending from the epidermis

down to the layer of subcutaneous fat. The reverse side demonstrates the progressing changes of a flea bite from wheal to infected pustule. The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 33*23*158cm

Weight : 2800g

ESB50897



Canine Knee Model

Average size knee with femur, fibula, patella and tibia bones, lateral and medial meniscus, anterior and posterior cruciate ligaments, plus six more ligaments and tendons.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 41*32*21cm

(Each Piece)

Weight : 2400g



ESB50609



Canine Ear Model

This two-sided, average size, canine ear depicts: a normal side with cochlea, auditory ossicles, auditory tube, tympanic bulla, middle ear cavity, tympanic membrane, horizontal canal, vertical canal, auricular cartilage, pinna and temporalis muscle abnormal side illustrates inflamed inner ear structures, inflammatory exudate in tympanic bulla, ear canal with partial occlusion from cellular hyperplasia, inflammatory exudate and an inflamed outer ear.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 13*16*15 cm

Weight : 350g

ESB50896

Canine Skeleton Model

Highly detailed, anatomically correct plastic replica of a Canine Skeleton. This robust, high-quality replica is perfect for classroom studies at any level.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimension : 40*20*30 cm

Weight : 3200 g

ESB50608



NEW



Horse Dissection Model (Fiber glass)

The product is longitudinally sectioned to show the section structure.

The left outer side of the product shows the distribution of superficial muscles and fascia, and some ribs; the inner side shows the head and neck structure and the shape and distribution of ribs, intercostal muscles, and abdominal wall muscles.

In the chest and abdomen, organs such as heart, lung, liver, stomach, and intestine can be removed, and some organs are shown in cross section to show the internal structure.

The model is securely mounted on a base, providing stability for educational or display purposes.

ESB50453



Sheep Dissection Model (Fiber glass)

The product is longitudinally sectioned to show the section structure.

Part of the skin was peeled off on the left side of the product, showing the shape and direction of the superficial muscles and fascia. The inside shows the shape and distribution of the head and neck structure and ribs, intercostal muscles, and abdominal wall muscles, and shows the cross-sectional structure of the breast.

The right outside of the product shows the complete shape, and the inside shows the cross-sectional structure of the head and neck. In the chest and abdomen, organs such as the heart, lungs, liver, stomach, and intestines can be removed, and some organs are sectioned to show their internal structures. Uterine and vaginal sections can be removed..

Dimensions : 72*23*63 cm

Weight : 3800 g

ESB50455





Cow Dissection Model (Fiber glass)

The product is profiled to show the profile structure.

The left side of the product remains intact. The medial structure of the head and neck is shown, showing the shape and distribution of the ribs, intercostal muscles, and abdominal wall muscles. The cross-sectional structure of the breast is shown. In the chest and abdomen, the organs such as heart, lungs, diaphragm, liver, stomach, and intestines can be removed.

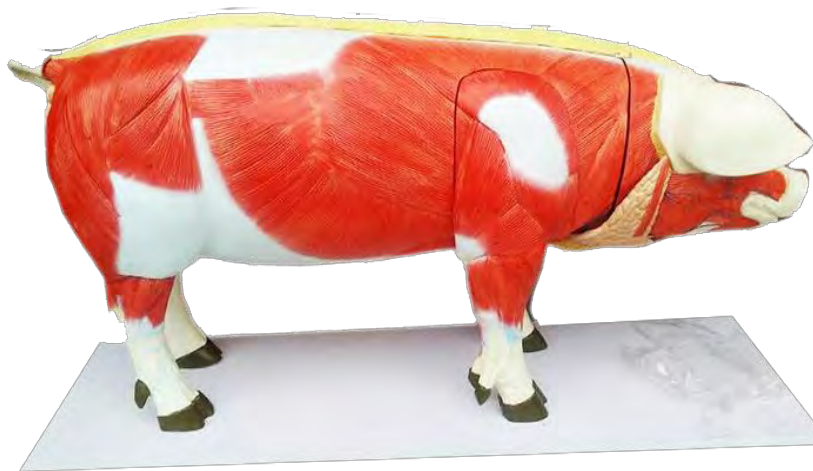
Part of the skin is peeled off on the right side of the product, showing the shape and direction of superficial muscles and fascia.

The inside shows the cross-sectional structure of the head and neck, ribs, and abdominal wall muscles, and the vagina and uterus are used as cross-sections.

Dimensions : 88*36*56 cm

Weight : 12500 g

ESB50454



Pig Dissection Model (Fiber glass)

The product is longitudinally sectioned to show the section structure.

The left side of the product is a cross-section on the head to show the cross-sectional structure, and the skin peeled off from the head shows muscle morphology and blood vessel distribution. The forelimbs can be removed to show the distribution and direction of superficial and deep muscles.

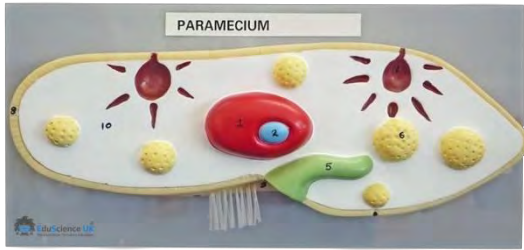
The exterior of the right half of the product shows the complete shape. The inside shows the cross-sectional structure of the head, brain, and throat. Organs such as the chest, abdomen, heart, lungs, liver, pancreas, gastrointestinal tract can be removed, and some internal organs are shown in section to show their internal structure..

Dimensions : 105*33*56 cm

Weight : 15500 g

ESB50449





Paramecium Model

A detailed model showing internal and external features of Paramecium, including mega nucleus, micro nucleus, oral groove, buccal cavity, food vacuoles, contractile vacuoles, trichocysts and locomotory cilia. Mounted on base and supplied with key card.

Dimensions 25*12cm.

ESB50496



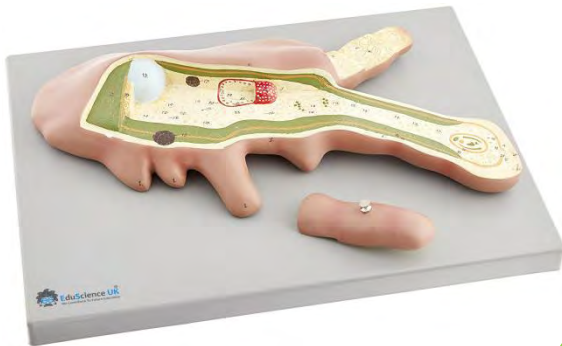
Paramecium Model

The Paramecium Model (3D-Dimension) provides a detailed representation of both the internal and external features of Paramecium. It showcases structures such as the mega nucleus, micro nucleus, oral groove, buccal cavity, food vacuoles, contractive vacuoles, trichocysts, and cilia. The model is mounted on a base for stability. Additionally, it comes with a catalogue or shrink-wrapped key card containing numbered structures labeled in English for easy reference

Dimensions : 40x26x16cm

Weight : 1660g

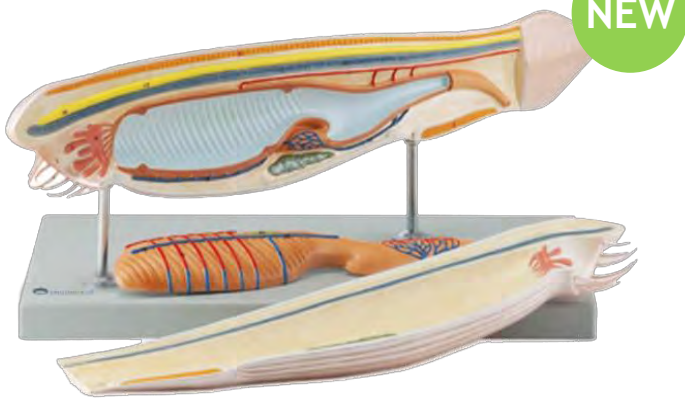
ESB50497



Model Of Amoeba

Enlarged 1000 times, 2 part amoeba model. Operable small pseudo podium for display of internal structures as magnified by electron microscope. Mounted on base. Numbered with key card for identification of features.

ESB50498



Model Of Amphioxus

Enlarged to 10 times life-size, this three-part model illustrates the morphology of an Amphioxus. Its longitudinal section allows for easy study of the inner anatomy, with all main structures like the cerebral vesicle, neural tube, nephridium, gonad, and circulatory system clearly labeled and referenced on the accompanying multilingual key card (included). The model is mounted on a base,

Dimensions : 43x30x18 cm

Weight : 800 g



ESB50459



Animal Cell Model

This singular model, enlarged approximately 13,000 times, serves as an invaluable aid in studying the cytology of a eukaryotic cell. It meticulously replicates typical structures such as microvilli, flagellum, mitochondria, nucleus, rough and smooth endoplasmic reticulum with exceptional detail and precision. Additionally, the model is accompanied by a multilingual key card identifying 24 structures

Mounted on a base,

Dimensions : 55x38x15 cm

Weigh : 2000 g.

ESB50459SP





Animal Cell Model, 20000 Times Enlarged

Animal cell Model has been magnified 2000 times, mounted on board

Dimensions : 33*47*17cm

Weight : 3000g



Animal Cell Model

The two piece animal cell model shows the form and structure of a typical animal cell as viewed by an electron microscope. All important organelles are shown in raised relief and displayed in colour. Features included are:

- Nucleus
 - Mitochondrion
 - Smooth Endoplasmic Reticulum (ER)
 - Rough Endoplasmic Reticulum (ER)
 - Basal membrane
 - Collagen, fibres
 - Golgi apparatus
 - Microvilli
 - Lysosome
- Dimensions : 21x11x31 cm



Frog Model

Enlarged to 3 times life size, this model offers a precise depiction of the frog's morphology. The ventral part is exposed, allowing for a detailed examination of the internal anatomy. Removable components consist of the heart, lungs, liver, stomach, and intestine. The accompanying multilingual key card identifies more than 15 structures for reference

Dimensions : 17*22* 39cm

Weight : 1500g



ESB50499



ESB50501

Frog Embryology Set

Five models showing near median sections through the egg during development from early gastrula to neurula. Features shown include dorsal lip, blastophore, blastocoel, rudimentary gut and CNS.

The models are 10cm high on the pedestal.

Frog Dissection

Model showing dissectable structure of frog. Mounted on board .Numbered with English Key card.

ESB50502

Simulated Frog Dissection Kit

- Authentically detailed frog body
- Removable texture organs
- Cross sections show muscle structure



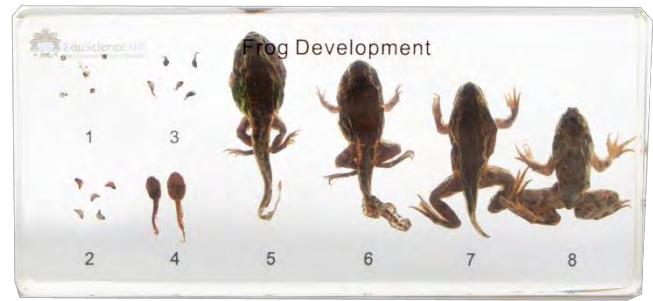
ESB50503

ESB50622



Life Cycle Of Frog- PE

The Frog life cycle epoxy resin block is the perfect tool for teaching pupils about the life cycle of the Frog . Includes : (eggs (spawn), subsequent stages of tadpole development: immediately after hatching, with external gills, and then with internal gills, the tadpole after developing its hind limbs and then also its forelimbs, young frog with a short tail, adult frog) The block is made of epoxy resin so it will not break even if it is accidentally dropped. Block Size :140*64*18 (±2)



ESB50507

Life Cycle Of Frog 5 Stages - PE

ESB50507/5

Life Cycle Of Frog 4 Stages - PE

ESB50507/4

Life Cycle Of Frog Round - PE

ESB50507/R



ESB50507/5



ESB50507/R



ESB50507

ESB50507/4

Life Cycle Of Frog Set- PE

Specimens consist of: Egg (Block Size: 32mm x 58mm x 17mm) - Tadpole (Block Size: 32mm x 58mm x 17mm) - Tadpole with hind legs (Block Size: 32mm x 58mm x 17mm) - Tadpole with limbs (Block Size: 32mm x 58mm x 17mm) - Tadpole with contraction tail (Block Size: 32mm x 58mm x 17mm) - Froglet (Block Size: 32mm x 58mm x 17mm) - Adult Frog (Block Size: 72mm x 72mm x 22mm)

All specimens are contained in high quality acrylic blocks. Made of durable acrylic plastic Includes a real specimen of each of the life cycle stages A great learning tool for kids or adults Stored in a foam display insert Display case measures: 250 x 177 x 40mm

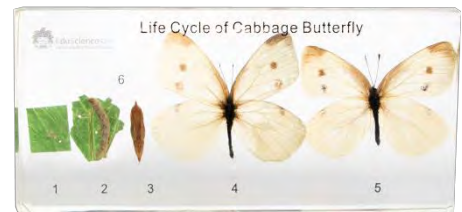


ESB50507 ST

Life Cycle Of Cabbage Butterfly - PE

The butterfly life cycle epoxy resin block is the perfect tool for teaching pupils about the life cycle of the butterfly. From egg to caterpillar and then to chrysalis and finally to an adult butterfly, see all of the details up close. Includes : (eggs laid on a leaf, larva (caterpillar), chrysalis, mature male butterfly, mature female butterfly, host) The block is made of epoxy resin so it will not break even if it is accidentally dropped.

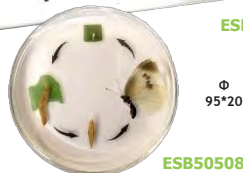
Block Size :140*64*18 (±2)



ESB50508



ESB50508/4



ESB50508/R

Life Cycle Of Cabbage Butterfly 4 Stages - PE

It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Includes Eggs - larva (caterpillar) - pupa -perfect insect - imago (butterfly) ; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped. Block Size :110*43*20(±2)

Life Cycle Of Cabbage Butterfly Round- PE

ESB50508/4

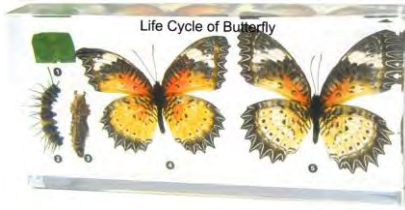
ESB50508/R

Life Cycle Of Cabbage Butterfly Set - PE

It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Includes Eggs, chrysalis, caterpillar, Butterfly ; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped. Block Size :Eggs, chrysalis, caterpillar: L 7.5cm x W 4cm Butterfly: L 7.5cm x W 7.5cm

ESB50508ST





Life Cycle Of Butterfly I - PE

The butterfly life cycle epoxy resin block is the perfect tool for teaching pupils about the life cycle of the butterfly. From egg to caterpillar and then to chrysalis and finally to an adult butterfly, see all of the details up close. The block is made of epoxy resin so it will not break even if it is accidentally dropped. Block Size :164*78*20 (±2)

ESB50509

Life Cycle Of Butterfly II - PE

The butterfly life cycle epoxy resin block is the perfect tool for teaching pupils about the life cycle of the butterfly. From egg to caterpillar and then to chrysalis and finally to an adult butterfly, see all of the details up close. The block is made of epoxy resin so it will not break even if it is accidentally dropped. Block Size :164*78*20 (±2)



ESB50510



ESB50510/R

ESB50510



Life Cycle Of Butterfly Set - PE

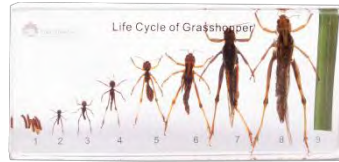
It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Includes Eggs, chrysalis, caterpillar, Butterfly ; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped. Block Size :Eggs, chrysalis, caterpillar: L 7.5cm x W 4cm Butterfly: L 7.5cm x W 7.5cm

ESB50510/ST

Life Cycle Of Grasshopper - PE

See the full life cycle of a Grasshopper in this 9 stage development specimen Include :Egg, 1st Instar, 2nd Instar, 3rd Instar, 4th Instar, 5th Instar, Male Adult, Female Adult, Rice Leaf. . The real life grasshoppers are encased in break proof epoxy resin. Block Size :164*78*20 (±2)

ESB50511



ESB50511



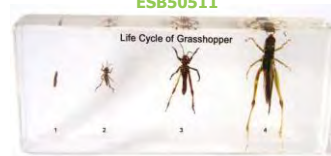
ESB50511/R

Life Cycle Of Grasshopper 4 Stage – PE

ESB50511/4

Life Cycle Of Grasshopper Round - PE

ESB50511/R



ESB50511/4



Life Cycle Of Grasshopper Set- PE

See the full life cycle of a Grasshopper in this 5 stage development specimen. The real life grasshoppers are encased in break proof epoxy resin.

ESB50511ST



Life Cycle Of House Fly

Specimen of house fly life cycle stages

ESB50504



Life Cycle Of Mosquito

Specimen of mosquito life cycle stages

ESB50505



Life Cycle Of Silk Worm

Specimen of silk worm life cycle stages

ESB50506



Life Cycle Of Honey Bee - PE

Shows the full life cycle of a Honey Bee, from the egg right through to the full sized bee, including Includes : eggs, larva, pupa, 3 versions of an adult bee: queen, worker, drone, fragment of an empty patch, a patch filled with bee bread, i.e. a mixture of pollen, honey and nectar, queen cell - a characteristic cell in which the queen matures, beeswax, vial with liquid honey.). Each stage is clearly displayed and encased in break proof epoxy resin. Block Size :140*64*18 (±2)

ESB50512
ESB50512/5
ESB50512/R



Life Cycle Of Honey Bee 5 Stage - PE

Life Cycle Of Honey Bee Round - PE



Life Cycle Of Honey Bee Set- PE

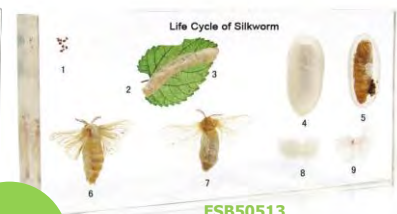
Shows the full life cycle of a Honey Bee, from the egg right through to the full sized bee, including honey, pollen and beeswax. Each stage is clearly displayed and encased in break proof epoxy resin.

ESB50512ST

Life Cycle Of Silkworm - PE

Shows the full life cycle of silkworm, from the egg right through to the full sized silkworm Includes : (eggs, larvae immediately after hatching, subsequent stages of caterpillar development (after the 2nd, 3rd and 4th molting), caterpillar on a mulberry leaf, cocoon, chrysalis, adults, male and female, silk, silk fabric.). Each stage is clearly displayed and encased in break proof epoxy resin. Block Size :140*64*18(±2)

ESB50513
ESB50513/4
ESB50513/R
ESB50513/13



Life Cycle Of Silkworm 4 Stage - PE

Life Cycle Of Silkworm Round - PE

Life Cycle Of Silkworm 13 Stage - PE



Life Cycle Of Silkworm Set - PE

Shows the full life cycle of silkworm, Includes : (Eggs Larvae (silkworms) on a leaf Nymph and cocoon Adult butterfly Silk samples) from the egg right through to the full sized silkworm. Each stage is clearly displayed and encased in break proof epoxy resin. Size : 225 x 185 x 45 mm

ESB50513ST

Life Cycle Of Dragon fly - PE

Shows the full life cycle of a Dragonfly, from the egg right through to the full sized Dragonfly Includes : (Egg Nymph 1 Nymph 2 Adult (male) Adult (female)). Each stage is clearly displayed and encased in break proof epoxy resin. Block Size :164*78*20 (±2)

ESB50514
ESB50514/4
ESB50514/R



Life Cycle Of Dragon fly 4 Stage - PE

Life Cycle Of Dragon fly Round - PE





Life Cycle Of Dragon fly Set- PE

Shows the full life cycle of a Dragonfly includes : (Eggs Young larva Advanced larva Dragonfly) from the egg right through to the full sized Dragonfly. Each stage is clearly displayed and encased in break proof epoxy resin.
Size :225 x 185 x 45 mm

ESB50514ST

Life Cycle Of Cicada - PE

Shows the full life cycle of a Cicada, from the egg right through to the full sized Cicada
Include : (Eggs - Nymph - Periostracum Cicadae - : Hulled Cicadae - Female Adult - Female Adult - Branch with eggs) .Each stage is clearly displayed and encased in break proof epoxy resin. Block Size :164*78*24 (±2)

ESB50515



Life Cycle Of Cockroach - PE

Shows the full life cycle of a Cockroach, from the egg right through to the full sized Cockroach. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :140*64*20 (±2)

ESB50516

Life Cycle Of Firefly - PE

Shows the full life cycle of Firefly, from the egg , Nymph 1 , Nymph , Pupa , Adult full sized Firefly. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :88*58*18 (±2)

ESB50894



Life Cycle Of Housefly - PE

Shows the full life cycle of a Housefly, from egg to larva, pupa, and adults housefly. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size : 88*58*18 (±2)

ESB50517

Life Cycle Of Damselfly - PE

Shows the full life cycle of a Damselfly, from egg, larva, pupa to adult full sized Damselfly. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :164*78*20 (±2)

ESB50518



Life Cycle Of Mosquito - PE

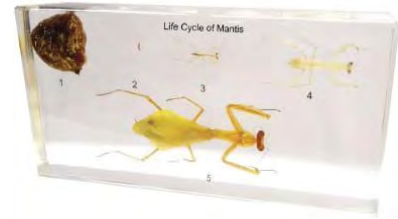
Shows the full life cycle of a Mosquito , from the egg right through to the full sized Mosquito. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :73*41*15 (±2)

ESB50895



Life Cycle Of Mantis - PE

Shows the full life cycle of Mantis, from the egg right through to the full sized Mantis. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :164*78*24 (±2)



ESB50519



Life Cycle Of Insects Collection Set - PE

Shows the full life cycle of 12 different insects , from the egg right through to the full sized Each stage is clearly displayed and encased in break proof epoxy resin. Includes : (butterfly I, cabbage butterfly , grasshopper , silkworm , dragonfly , cockroach , housefly , mantis , honeybee, cicada , silkworm and mosquito)

ESB50522

Life Cycle Of Crab- PE

Shows the full life cycle of a Crab , from baby right through to the full sized Scorpion. Each stage is clearly displayed and encased in break proof epoxy resin.



ESB50893

Φ 95*20



Life Cycle Of Scorpion - PE

Shows the full life cycle of a Scorpion, from baby right through to the full sized Scorpion. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :164*78*20 (±2)

ESB50520

Life Cycle of Turtle Set- PE

This real 27 different type of insects has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.



ESB50892



Life Cycle Of Chick Development - PE

Shows the full life cycle of a Chick, from the egg right through to the full sized Check. Each stage is clearly displayed and encased in break proof epoxy resin.
Block Size :177*125*65 (±5)

Scorpion Specimen

It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Includes Scorpion Specimen ; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped.
Block Size :88*58*18 (±2)



ESB50579



Water Snake - PE

This real Water snake has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20(±2)

ESB50549





Specimen Conformation Of Grasshopper - PE

This real Grasshopper has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 88*58*24 (±2)

ESB50573

Specimen Of Spider I -PE

This real Spider has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 75*75*24 (±2)



ESB50580/I

NEW



Specimen Of Spider II -PE

This real Spider has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 135*90*35(±2)

ESB50580/II

NEW



Specimen Of Spider III -PE

This real Spider has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 75*75*24 (±2)

ESB50580/III

NEW



Specimen Of Spider & Scorpion Specimen

It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Includes Scorpion Specimen ; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped. Block Size :88*58*18 (±2)

ESB50581

NEW



Specimen Of Leaf Beetles 3 Kinds- PE

This real Kinds 3 Kinds of Leaf Beetles has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :44*29*18(±1)

ESB50582



Specimen Of Chafer Beetle 3 kinds - PE

This real Specimens for 3 Kinds of of Chafer Beetle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :110*43*28 (±2)

ESB50583/3



NEW

NEW



Specimen Of Chafer Beetle 2 Kinds - PE

This real Specimens for 2 Kinds of of Chafer Beetle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :73*41*20(±2)

ESB50583/2

NEW



Specimen Of Chafer Beetle 8 Kinds- PE

This real Specimens for 8 Kinds of Chafer Beetle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20(±2)

ESB50583/8

NEW



Specimen Of Stinkbug 9 Kinds - PE

This real Specimens for 9 Kinds of Stinkbug has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20(±2)

ESB50422

Specimen Of Stag Beetle 4 Types - PE

This real Specimens for 4 Kinds of Stag Beetle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :95*95*20 (±2)

ESB50423



NEW



Specimen Mimesis Of Stick Insect,- PE

This real Mimesis of Stick Insect has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*18 (±2)

ESB50565

Specimen Of Centipede and Millipede - PE

This real Centipede Millipede has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*18 (±2)

ESB50570





Arthropod Representatives - PE

This real Arthropod Representatives Includes : (isopod, Scorpio, locust, spider, prawn, millipede) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

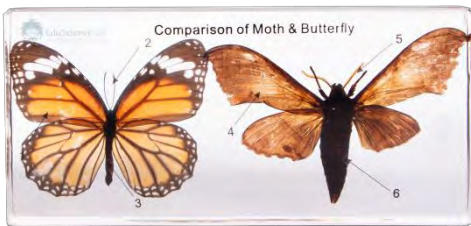
Block Size : 164*78*20 (±2)

ESB50536

Specimen Of Butterflies Types Set- PE

This real different type of Butterflies Includes : (Polyura Narcaea , Graphium Sarpedon ,Pathysa Nomius Esper,Danaus Genutia) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50424



Specimen Comparison Of Moth and Butterfly - PE

This real Moth and Butterfly has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

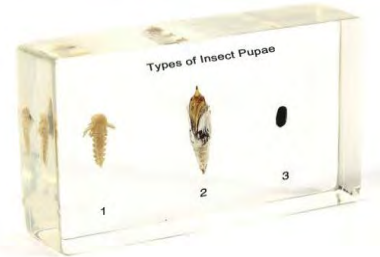
Block Size : 164*78*20 (±2)

ESB50535

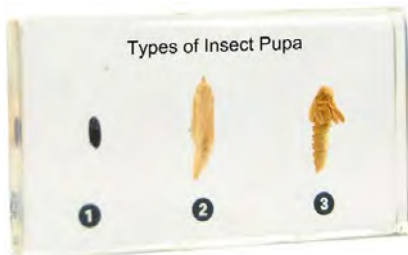
Specimen Of Insects Pupae I- PE

This real different type of Insects Pupae Free include : (Pupa Obtecta Pupa Coarctate Pupa) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 88*58*18 (±2)



ESB50543



Specimen Of Insects Pupae II- PE

This real different type of Insects Pupae include : (Pupa Obtecta Pupa Coarctate Pupa) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 73*41*15 (±2)

ESB50544

Specimen Of Insect Legs I- PE

This real different type of insects legs includes : (treadmill, clingy, flowing, funeral, crotch (for collecting pollen), lively, prehensile) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 88*58*18 (±2)



ESB50538



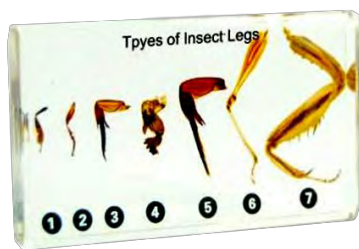
Specimen Of Insect Wings Types- PE

This real different type of insects wings Includes : (hymenoptera, wing cover, the first hardened wing, example of wings in dipterans, cover leaf) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 73*41*15 (±2)

ESB50540



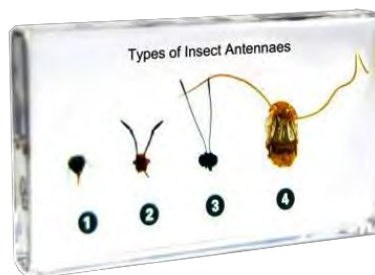


Specimen Of Insect Legs Types II- PE

This real different type of Insect Legs has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 73*41*15 (±2)

ESB50539



Specimen Of Insect Antennae's Types - PE

This real different Types of Insect Antennae's includes : (feathery, geniculate, coryneforme, filamentous, bristly) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :73*41*15 (±2)

ESB50542

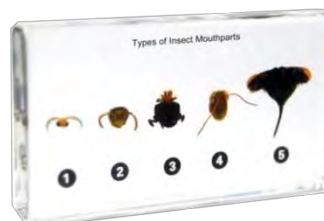


Specimen Of Insect Collection - PE

This real different type of Insect collection includes : (ant, ladybird, honey bee, beetle, bug, locust, wasp) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 164*78*20(±2)

ESB50572

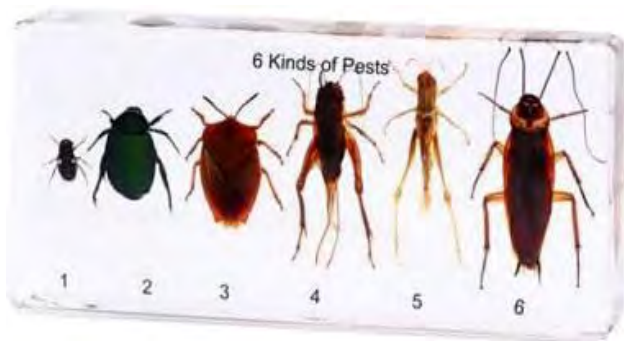


Specimen Of Insect Mouthparts Types- PE

This real different Types of Insect Mouthparts includes : (biting and licking, piercing-sucking, sucking, pungent) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :73*41*15 (±2)

ESB50541



Specimen Of Harmful Insects Set - PE

This real 6 different type of Harmful insects includes : (Fly- Chafer - Lychee Stink Bug - Cricket - Cockroach - Grasshopper) has been embedded in one block block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*18(±2)

ESB50528



Specimen Of Beneficial & Pest - PE

This real different type of Beneficial Insects Includes : (Silkworm Multi-eating beetle Ground beetle Skylight Bee Ladybird- & pests : Fly- Chafer - Lychee Stink Bug - Cricket - Cockroach - Grasshopper) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*18(±2)x2

ESB50529





Specimen Of Pest Sets - PE

This real 10 different type of pests includes : (Fly- Chafer - Lychee Stink Bug - Cricket - Cockroach - Grasshopper - Beetle- Bamboo Weevil - Mole Cricket - Stag Beetle) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50530

Specimen Of Beneficial Insects 10 Kinds-PE

This real 10 different type of Beneficial Insects includes : (dragonfly -mantis - silkworm - dung beetle - ladybug - water beetle - three-leaf - honey bee - wasp - Mayfly beetle - box closed with magnesium) has been embedded in one block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped

ESB50527/10



Specimen Of Beneficial Insects Set - PE

This real 6 different type of Beneficial Insects includes : Silkworm Multi-eating beetle Ground beetle Skylight Bee Ladybird has been embedded in one block block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*18(±2)

ESB50527

Specimen Of Insects Classification Set –PE

It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Includes 25 different insects Specimen ; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped.

ESB50425



Specimen Of Insects Set I - PE

This real 10 different type of insects includes : (Cicada, fly, bee, cockchafer, cockroach, dragonfly, butterfly, bug, praying mantis and locust). Has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50531

Specimen Of Insects Specimens Set II - PE

This real 16 different type of insects includes: (Chafer Beetle - Praying Mantis - Giant Hornet Wasp - Ant - Common Tiger Butterfly - Long Horned beetle - Cicada - Shield Bug - Spider - Dragonfly - Cricket - Cockroach - Walking Stick - Onion Fly - Silkworm Life Cycle - and Grasshopper Life Cycle) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50532



Specimen Of Insects Specimens Set III - PE

This real 27 different type of insects Includes : (Chafer beetle Lady bug Mole cricket Praying mantis Paper wasp Asiatic honey bee Ant Dung beetle Rhinoceros beetles Monarch Long horned beetle Cicada Shield bug Wesp spin Spider Dragonfly Cricket Australian cockroach Scorpion Centipede Walking stick Onion fly Chinese white shrimp Silkworm Crab Star fish Grasshopper Stag beetle) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50533



Specimen Of Insects Set IV - PE

This real 30 different type of insects Include : (Spider - Shrimp - Mulberry silkworm - Crab - Cricket - Cockroach -A beetle from the stag beetle family - Fly -A beetle from the longhorn beetle family - citrus longhorn beetle - Beetle-shaped beetle - Ant - Ground beetle - Beetle - Asian turquoise - Scorpion - Bug bug - Cicada - Dragonfly - Beetle; Bornean rhinoceros -Beetle, cowpea beetle - Hornet - Klecanka; wasp family - Butterfly - Honey bee - Locust - Weevil beetle - Elephant weevil beetle - Ladybug - Beetle, puddle beetle - Beetle-shaped beetlehas been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Size : 42x7x34 cm

ESB50534



Specimen of Chafer Beetles Kinds Set- PE

This real different type of Chafer Beetles has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50583/ST

Specimen Of Spiders Types Set- PE

This real different type of Spiders Includes : (Argiope bruennichi - Araneus ventricosus - Gasteracantha sauteri - Selenocosmia huwena) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 32*58*17mm X (3) + 72*72*22mm X (1)

ESB50580/ST



Specimen Of Stag Beetles Types Set - PE

This real different type of Stag Beetles has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50423/ST

Specimen Of Animal Kingdom Set I - PE

This real 27 different type of animals Includes : (butterfly-Dragonfly-mantis-Bat-butterfly-centipede-cockroach-cicda-turtle-dungbeetle-cricket-stage beetle-fish-housefly-Ant-ladybug-honeybee-crab-conch-starfish-shrimp-shell-spider-earthworm-grasshopper-chafer-scorpion) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50523



Specimen Of Animal Kingdom Set II - PE

This real 20 different type of animals include: Leech -Cuttlefish - Spider - Centipede - Crab - Long- horned beetle - Cricket - Cockroach - Wasp - Stink Bug- Cicada - Praying Mantis - Butterfly - Dragonfly - Walking Stick - Swordtail Fish - Frog - turtle - Bird - Bat) his set includes a Detailed Information Card and an Educational Booklet characterizing each one of these species. Size of product is 18 3/4 x 13 3/4 x 2 1/2 in. has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50524





Specimen of Animal Classification Set- PE

This real different type of animals Classification has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50426

Specimen of Animal Evolution Set - PE

This real different type of animals includes : (Cnidaria, Platyhelminthes, Nematoda, Annelida, Mollusca, Arthropoda, and Chordata. The species are: Turtle - Leech- Tiger Barb - Toad - Paramecium - Sea Anemone - Cuttlefish - Scorpion - Mouse - Tapeworm - Roundworm - and a Bird) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Set t includes 12 pcs

ESB50525



Specimen of Marine Animal Set -PE

this real 8 different type of Marine animals includes : (pagurid ([hermit crab in shell] Coenobita rugosus), spiral shell , lobster , starfish , cuttlefish , fiddler crab , sea anemone (, and clam) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50526/8

Specimen Of Marine Animal Types Set- PE

This real 11 different type of Marine Animal includes : (squid, octopus, starfish, fish - Selenotok vulgaris, mussel, sea anemone, seahorse, crabs: paguridae, uca crassipes, mictyris longicarpus, pyrhila pisum) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50526/11



Specimen of Tropical Fishes Types Set- PE

This real different type of Tropical Fishes has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50427

Specimen of Poisonous Animal Types Set- PE

This real different type of Poisonous Animal has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB50428



Specimen of Lizard Dissection,- PE

This real Dissected Lizard has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 190*100*32 (±5)

**Specimen of Rabbit Dissection,- PE**

This real Dissected Rabbit has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 250*105*55 (±5)

Specimen of Rat Dissection - PE

this real Dissected Rat has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 200*90*40 (±5)

**Specimen of Marine Clam Dissection - PE**

This real Dissected Marine Clam has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 135*90*35 (±2)

Specimen of Squid Dissection - PE

This real Dissected squid has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 220*105*30 (±5)

**Specimen of Fish Dissection - PE**

This real dissected fish has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 190*100*32 (±5)

Specimen of Pigeon Dissection - PE

This real dissected Pigeon has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 250*105*55 (±5)

**Specimen of Frog Dissection - PE**

This real dissected frog has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 190*100*32 (±5)



ESB50555

ESB50556



ESB50557

ESB50558



ESB50559

ESB50552



ESB50553

ESB50554





NEW

Zebra Finch - PE

This real Zebra Finch has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :110*43*28 (±2)

ESB50431

Specimen of Rabbit - PE

This real Rabbit has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :190*90*90(±5)

ESB50560



NEW

Specimen of White Mouse - PE

This real White Mouse has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

Block Size :110*43*28 (±2)

ESB50432

Specimen of Bat I- PE

This real bat has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :75*75*24 (±2)

ESB50566/I



NEW

Specimen of Bat II- PE

This real bat has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :135*90*35(±2)

ESB50566/II

Specimen of Bat III- PE

This real bat has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :200*90*40(±2)

ESB50566/III



NEW



NEW

Specimen of Bat IV- PE

This real bat has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :140*64*18 (±2)

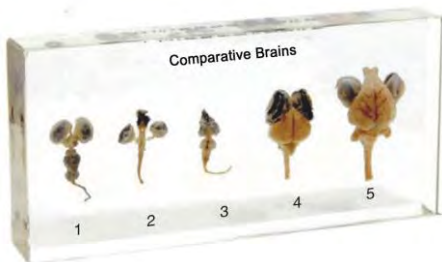
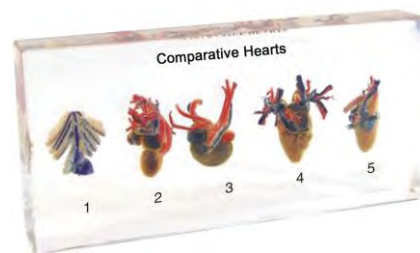
ESB50566/IV



Comparative Hearts Of 5 Classes - PE

This real different type of Hearts Includes : (fish (Chinese carp), amphibian (frog), reptile (snake), bird (pigeon), mammal (rabbit)) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50551



Specimen Comparative Brains - PE

Of 5 Classes

This real different type of Brain Includes : (fish (Chinese carp), amphibian (frog), reptile (snake), bird (pigeon), mammal (rabbit)) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*24 (±2)

ESB50550

Specimen Digestive, Excretory and Reproductive Systems of Toad - PE

This real dissected Digestive, Excretory and Reproductive Systems of Toad has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped Block Size :190*100*30 (±5)

ESB50411



Specimen Nervous System of Rabbit- PE

This real Nervous System of Rabbit has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped Block Size :190*100*30 (±5)



Specimen Digestive System of Rabbit- PE

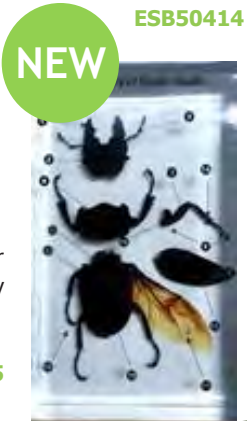
This real Digestive System of Rabbi has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped Block Size :190*100*30 (±5)

ESB50413



Specimen Reproductive System of Rabbit- PE

This real Reproductive System of Rabbit has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped Block Size :190*100*30 (±5)



Specimen Disassembly of Spade Beetle- PE

This real Disassembly of Spade Beetle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped Block Size :135*90*24 (±2)

ESB50415





NEW

Specimen of Leech - PE

This real Leech has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :73*41*20(±2)

ESB50435

Specimen of Earthworm- PE

This real type of Earthworm has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

ESB50436



NEW



ESB50547

NEW

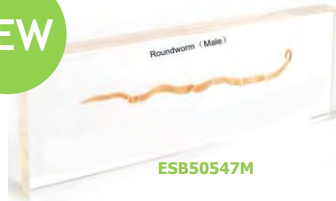
Specimen of Roundworm - PE

This real Roundworm has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

ESB50547



ESB50547F



ESB50547M

Roundworm Male - PE

ESB50547M

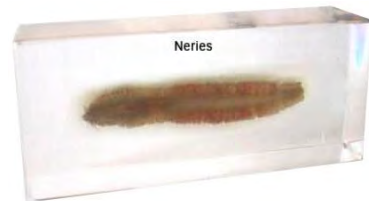
Roundworm Female- PE

ESB50547F

Specimen of Neries - PE

This real Neries has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50568



Specimen of Pork Tapeworm Parasite Cysticercus,- PE

This real Pork tapeworm has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 88*58*18 (±2)

ESB50563

Specimen of Annelid Representatives - PE

This real different type of Annelid Representatives Includes (Platyhelminthes, Nematoda, and Annelida) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*20 (±2)

ESB50537



NEW



Specimen of Schistosoma - PE

This real Red Swamp Schistosoma has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :60*35*20(±2)

ESB50437



Specimen Of Frog - PE

This real Frog has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :75*75*26 (±2)



ESB50438



Specimen of Toad - PE

This real TOAD has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 75*75*26 (±2)

Specimen Of Turtle I - PE

This real Turtle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :73*41*24 (±2)



ESB50439/I



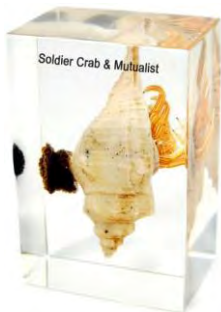
ESB50548

Specimen Of Turtle II - PE

This real Turtle has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :75*75*30(±2)

Specimen Of Soldier Crab - PE

This real Soldier Crab has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :88*58*24 (±2)



ESB50545



ESB50439/II

Specimen Of Soldier Crab and Mutualist, - PE

This real Soldier Crab and Mutualist has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :88*58*24(±2)

Specimen of Fiddler Crab Conformation, Conformation - PE

This real Conformation of Fiddler Crab has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :73*41*24 (±2)



ESB50891

ESB50546



Specimen of Crabs Types Set- PE

This real different type of Crabs has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50440





Specimen Of Freshwater Mussel - PE

This real fresh water mussel has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 75*75*26 (±2)

ESB50567

Specimen Of Sea Urchin -PE

This real sea Urchin has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 73*41*24 (±2)

ESB50571



Coral - PE

This real Coral Simulation has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB50569

Specimen Of Sea Anemone - PE

This real Sea Anemone has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 73*41*24 (±2)

ESB50561



Specimen Of Simulated Seahorse - PE

This real Simulated Seahorse has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size 73*41*24 (±2)

ESB50441

Specimen Of Sea cucumber- PE

This real Red Swamp Crayfish has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :88*58*20 (±2)

ESB50442



Specimen Of Sponge- PE

This real Sponge has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :73*41*24 (±2)

ESB50443



Specimen Of Cuttlefish - PE

This real Cuttlefish has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 73*41*24(±2)



ESB50564



Specimen Of Jellyfish - PE

This real Jellyfish has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size 75*75*15 (±2)

ESB50562

Specimen Of Invertebrates- PE

This real 7 Different Invertebrates Includes : (earthworm- Shrimps- Squid-starfish-grasshopper-Cancer-anemonehas) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*24(±2)

ESB50445



NEW



Specimen Conformation Of Octopus - PE

This real Octopus has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :75*75*24 (±2)

ESB50575

Specimen Of Octopus I - PE

This real Octopus has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :75*75*24(±2)

ESB50575/I



NEW



Specimen Of Octopus II - PE

This real Octopus has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :95*95*30(±2)

ESB50575/II

Specimen Of Red Swamp Crayfish I - PE

This real Red Swamp Crayfish has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size :110*43*28 (±2)

ESB50444/I



NEW



Specimen Of Red Swamp Crayfish II - PE

This real Red Swamp Crayfish has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :135*90*35(±2)

ESB50444/II





Specimen Conformation Of Lobster-PE

This real Lobster has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.
Block Size :110*43*28 (±2)

ESB50574



ESB50446

Specimen Of Mantis Shrimp-PE

It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Include Mantis Shrimp; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped.
Block Size :140*64*24 (±2)



Specimen Of Shrimp-PE

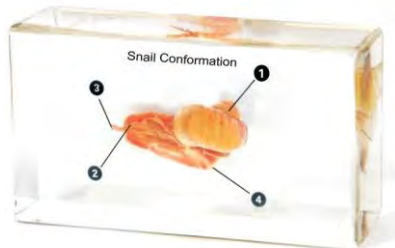
It has been embedded in Transparent Epoxy Resin Block for observation and study. Specimen Include Shrimp; clear Epoxy allows close up viewing from all angles. Epoxy block will Not break even if it is accidentally dropped.
Block Size :140*64*24 (±2)

ESB50458

Specimen Of Prawn- PE

This real Prawn has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :140*64*18 (±2)

ESB50460



Specimen Of Snail Conformation - PE

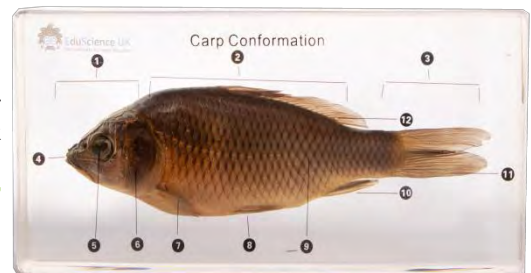
This real Snail has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :73*41*24 (±2)

ESB50576

Specimen Of Carp Conformation - PE

This real Carp has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*24 (±2)

ESB50577



Specimen Of Squid Conformation - PE

This real Squid has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.
Block Size :164*78*24 (±2)

ESB50578



Lizard Skeleton - PE

This real Lizard skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 164*78*24 (±2)



ESB50584

**Turtle Skeleton - PE**

This real Turtle skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 135*90*35 (±2)

ESB50585

Bat Skeleton - PE

This real Bat skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card. Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 135*90*24 (±2)



ESB50586

**Bird Skeleton - PE**

This real Bird skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card. Epoxy resin block will not break even if it is accidentally dropped.

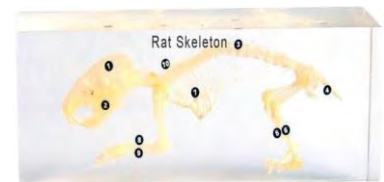
Block Size : 135*90*24 (±2)

ESB50587

Rat Skeleton - PE

This real Rat skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 200*90*40 (±5)

ESB50588

**Rabbit Skeleton - PE**

This real rabbit skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 200*90*40 (±5)

ESB50589

Toad Skeleton - PE

This real toad skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card.

Epoxy resin block will not break even if it is accidentally dropped. Due to nature of the product it may differ slightly from the image shown. Includes information cards.

Block Size : 135*90*35 (±5)

ESB50590





Fish (Crucian) Skeleton - PE

This crucian skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card. Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 200*90*40 (±5)

ESB50591

Snake (Non-Venomous) Skeleton,PE

This real Snake Skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 135*90*24 (±2)

ESB50592



Pigeon Skeleton,PE

This pigeon skeleton has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Key features have been labelled and identified on an information card. Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 177*125*65 (±5)

ESB50593

Skull,Cat

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive base that features a removable epoxy resin cover.

ESB50594



Skeleton,Chicken

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50596

Skull Comparison Of Rabbit, Pigeon, Turtle, Toad, Fish

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive base that features a removable epoxy resin cover.

ESB50595



Skeleton Of Lizard

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50597

Bat Skeleton

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.
Block Size : 140*64*20 (±2)

ESB50598



Skeleton Of Toad

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.



ESB50599

**Skeleton Of Pigeon**

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50600

Skeleton Of Rabbit

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50601

**Skeleton Of Snake**

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

Block Size :110*44*28 (±2)

ESB50602

Skeleton Of Fish (Crucian)

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50603

**Vertebra Comparison Of Rabbit, Pigeon, Turtle, Toad, Fish.**

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50604

Forelimb Comparison Of Rabbit, Pigeon, Turtle, Toad, Fish.

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50605

**Hind Leg Comparison Of Rabbit, Pigeon, Turtle, Toad, Fish.**

This natural bone skeleton has been meticulously prepared and mounted in a natural position. Enclosed key card identifies various bone structures. The specimen is mounted on an attractive wooden base that features a removable epoxy resin cover.

ESB50606





Rabbit Dissected In Formalin

This real rabbit specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50612



Snake Dissected In Formalin

This real snake specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50613



Lizard Dissected In Formalin

This real lizard specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50615



Pigeon Dissected In Formalin

This real pigeon specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50616



Toad Dissected In Formalin

This real toad specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50618



Frog Dissected In Formalin

This real frog specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50614



Fish (Crucian) Dissected In Formalin

This real crucian specimen dissected and reserved in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50617



Grass-frog Developmental Stages Dissected In Formalin

This real Grass frog Developments in clear container filled with formalin , Key features have been labelled and identified on an information card.

ESB50619



**Dissecting Tray**

Dissecting Tray

Material: Stainless Steel Complete with 10mm paraffin wax filler

Size: 280 x 190 x 50 mm

ESB50626

**Dissecting Pan With Pad And Cover**

The pads one reusable and there is no need to melt sticky wax

The cover close up for the day, it is excelent fo larg specimen (star fish bull forgs)

Size : 31 x 22.5 cm

ESB50627

**Dissecting Scissor Fine Point 110 mm**

Stainless steel, open shanks. 110mm. EACH.

ESB50630

**Dissecting Scissor Blunt Ends 125 mm**

Stainless steel, closed shanks. Overall length: 125mm. EACH.

ESB50628

Dissecting Scissor Blunt Ends 150 mm

Stainless steel, open shanks. 130mm. EACH.

ESB50629

Dissecting Kit

Stainless steel instruments in leather case consist of the following:

preparation needle,130 mm long, pointed end.

preparation needle 130 mm long pointed curved end.

scalpel handle 140 mm long .

scalpel handle stainless 130mm , slotted to accept blades .

Ten scalpel sharp blades suitable for scalpel handle4 packed in quick peel off aluminium foil .

One dissecting stainless scissors, fine pointed ends, 110 mm long .

One dissecting stainless scissors ,sharp/blunt ends ,113 mm long .

One forceps, pointed ends with plastic slip cover ,110mm long.

One forceps, blunt ends with plastic slip cover , 130 mm long.

Brush



ESB50631

**Dissecting set Basic**

Designed for elementary, junior, and senior high school students. Kit contains the following:

Semitransparent hinged case with snap cover and insert for the seven instruments.

Attractive and reusable.

6 in. chrome replacement blade scalpel

4-1/2 in. stainless steel dissecting scissors

4-1/2 in. chrome-plated forceps

Straight dissecting needle

Bent dissecting needle

Pipette

6 in. ruler

ESB50632





Forceps Disposable , Plastic Pk/10

Blunt-end forceps of glass-filled nylon, serrated at tips with finger-grips along the shaft. Ideally suited to microbiology work where they may be destroyed after use. Length: 125mm (Colour may vary). Pack of 10.

ESB50634



Forceps Pointed Ends

Stainless steel. Pointed tip Forceps,

130mm length. EACH

ESB50635

100mm length. EACH

ESB50636

130mm length. EACH

ESB50637



Insert Needle Wooden Handle Pk/10

Needle length: 33mm. Mounted in 100mm hardwood handle. Pack of 10.

ESB50638



Insert Needle St. Steel Handle

Straight, stainless steel throughout. Needle length: 34mm. Handle length: 95mm. EACH.

ESB50639



Scalpel Handle No 3

Strong nickel-alloy handle, handle No. 3. Length: 95 mm. EACH.

ESB50641

Scalpel Handle No 4

Strong nickel-alloy handle, handle No. 4. Length: 100 mm. EACH.

ESB50642



Scalpel 130 mm

St. Steel length 130 mm handle with blade.

ESB50640



Scalpel Blades

Surgical-quality steel blades for use with the Scalpel Handles

Cat. No	Size	No
ESB50643	3	10 Pk/3
ESB50644	3	11 Pk/5
ESB50645	4	21 Pk/5
ESB50646	4	22 Pk/5
ESB50647	4	23 Pk/5
ESB50648	4	24 Pk/5



Protozoa

Our high quality protozoa and algae are sold in jar sizes for your convenience. The small jar is approximately 30ml

- ESB50651 Amoeba proteus
- ESB50652 Chlamydomonas
- ESB50653 Colpidium
- ESB50654 Chilomonas
- ESB50655 Protozoa Mixed
- ESB50656 Ciliates Mixed
- ESB50657 Flagellates Mixed

Mixed cultures not suitable for sub culturing.

- ESB50658 Euglena gracilis
- ESB50659 Paramecium
- ESB50660 Protozoan Pellets

- ESB50661 Protoslow



Ideal for feeding Paramecium, Chilomonas and other protozoa. Add 1 pellet to 1 litre of previously boiled water, then divide culture into dishes of approx 150-200ml. Full instructions provided. pack of 25

A viscous solution used to slow mobile organisms making them easier to observe. Sold in an easy to use dropper bottle 30ml

Algae / Hydra / Platyhelminthes / Nematodes

Algae

- ESB50662 Alga gro Concentrate
- ESB50663 Anabena
- ESB50664 Mixed Algae
- ESB50665 Scenedesmus quadricauda
- ESB50666 Chlorella
- ESB50667 Chara/ Nitella
- ESB50668 Spirogyra Vegetative
- ESB50669 Dunaliella
- ESB50670 Volvox

For both fresh water and sea water, producing an almost universal algal medium. Each tube makes one litre of medium.20 ML

for making algae balls) Starter culture

per bag



Coelenterates

- ESB50671 Hydra
- ESB50672 Hydra Viridissima
- ESB50673 Hydra Vulgaris

Our choice of species per 10

Green Hydra per 10

Brown Hydra per 10

Nematodes

- ESB50674 Vinegar Eel

Anguilla Aceti

Platyhelminthes

- ESB50675 Planarian Species
- ESB50676 Polycelis
- ESB50677 Dugesia

per 10

per 10

Large brown species per 10



Locusts

High quality locusts selectively bred for study in the classroom. Locusts are an easy insect to maintain from 1st instar through to adult,feeding on fresh grass twice a day. Feed on lettuce, apple and carrot if grass is not available.

Schistocerca

- ESB50678 Desert Locust Adult. Schistocerca pack of 10
- ESB50679 5th Instar Male. Schistocerca pack of 10
- ESB50680 5th Instar Female. Schistocerca pack of 10
- ESB50681 5th Instar Mixed. Schistocerca pack of 10
- ESB50682 4th Instar Mixed Schistocerca pack of 10
- ESB50683 Mixed Instars Schistocerca pack of 10
- ESB50684 Hoppers Schistocerca pack of 30



Insects and Worms for Feeding

- Crickets An easily maintained & ideal food for a variety of lizards and frogs.
- ESB50685 Medium Sized pack of 100
- ESB50686 Cricket Adults pack of 100
- ESB50687 Cricket Hatchlings pack of 500
- ESB50688 Wax Moth Larvae A culture of larvae, excellent for feeding to reptiles and amphibians. pack of 25-30
- ESB50689 Dendrobena Small worm, ideal for feeding. pack of 100



Black Crickets

- ESB50690 Gryllus Adults and large nymphs pack of 70
- ESB50691 Adult males pack of 70
- ESB50692 Adult females pack of 70
- ESB50693 Tenebrio Culture «A typical beetle to use as an example of an insect life history. Easily kept on bran & fruit. Contains all the stages per culture
- ESB50694 Mealworm Larvae Tenebrio per 50g
- ESB50695 Mealworm Beetles Tenebrio. Enquire for availability. Pk/10

Drosophila - Fruit Flies (Melanogaster)

Drosophila are sold in living cultures, each containing approximately 30 specimens of each stage; Adult, Pupae, Larvae and Eggs.
The chromosomal position of the different characteristics are shown in brackets after each strain. Vestigial wing are a popular food source for spiders, small praying mantis and other invertebrates

Segregated flies

Please enquire for availability of Virgin Female Drosophila. There may be a delay during busy periods. Segregated Males can be supplied within 5 days. Both are supplied in packs of 30. Segregated flies must be sent by a recorded delivery.

Wild Type

- ESB50697 Small culture
- ESB50698 Large culture
- ESB50699 Virgin fem
- ESB50700 Male
- ESB50701 Adults 100



Ebony Vestigial (3/2)

- ESB50702 Small culture
- ESB50703 Virgin fem
- ESB50704 Male



Vestigial Wing (2)

- ESB50705 Small culture
- ESB50706 Large culture
- ESB50707 Virgin fem
- ESB50708 Male
- ESB50709 Adults 100



Ebony Body (3)

- ESB50710 Small culture
- ESB50711 Virgin fem
- ESB50712 Male

White Eyed (sex linked)

- ESB50713 Small culture
- ESB50714 Large culture
- ESB50715 Virgin fem
- ESB50716 Male
- ESB50717 Adults 100



Scarlet Eyed (3)

- ESB50718 Small culture
- ESB50719 Virgin fem
- ESB50720 Male
- ESB50721 Drosophila Kit

Contains all the essential equipment and media to culture fruit flies. Contents: 25 small vials, bungs and ladders, 2 funnels, 2 brushes, 250g medium and a relaxing jar. Complete with instructions

- ESB50722 Fly Nap Kit

An easy to use anaesthetic for Drosophila. They can remain anaesthetized for up to 60 minutes. The kit includes 10ml of Fly Nap, 12 wands and full instructions.



Butterflies

- ESB50723 Painted Lady Butterfly Kit

«Ten caterpillars supplied with sufficient nutrient for complete development. Kit includes a net cage (ACS 015) with full instructions. Individual pots, papers and lids. Available March to September per kit»

flies

Please check availability for all adult flies. All our maggots are the last stage before pupation.

- ESB50724 Blowfly Maggots Calliphora pk/100
- ESB50725 Blowfly Pupae Calliphora pk/100
- ESB50726 Blowfly Adults Calliphora pk/101
- ESB50727 Greenbottle Maggots Lucilia pk/100
- ESB50728 Greenbottle Pupae Lucilia pk/100
- ESB50729 Greenbottle Adults Lucilia pk/100
- ESB50730 House Fly Pupae Musca domesticae pk/100
- ESB50731 House Fly Adults Musca domesticae pk/100



Cockroaches

- ESB50732 Periplaneta Americana Adult mixed sex PK/5
- ESB50733 Periplaneta Adult females PK/10
- ESB50734 Periplaneta Adult males PK/10
- ESB50735 Periplaneta Egg cases PK/10
- ESB50736 Periplaneta Nymphs PK/10
- ESB50737 Blatta Orientals Adults mixed sex PK/100

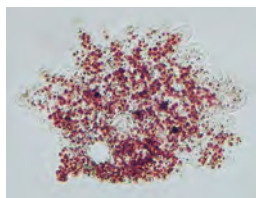


Giant Cockroaches

- ESB50738 Giant Hissing Cockroaches A large forest floor species. Easily maintained and handled. Hisses when touched. Pack of 5
- ESB50739 Giant Death Head Cockroach Blaberus cranifer pack of 5
- ESB50740 Giant Peruvian/Peppered Cockroach Archimandrita tessellata pack of 5

Beetles and Land Invertebrates

- ESB50741 Flour Beetles Tribolium castanum. Wild type / Sooty
- ESB50742 per culture
- ESB50743 100 adults
- ESB50744 Tribolium Confusum Wild type , per culture
- ESB50745 Tribolium Confusum Wild type , per 100 adults
- ESB50746 Larder Beetles Dermesties. A medium sized beetle used in the laboratory for skeletal preparation. per culture»
- ESB50747 Seed Beetle «Callosobruchus maculatus. Seed beetles feed on black eyed or mung beans, easy to maintain culture. Culture contains egg laiden beans plus 20-25 adult beetles. per culture»
- ESB50748 Grain Weevil Sitophilus. A large species of weevil that infest wheat, oats and barley. Useful for population growth experiments. per culture



Land Invertebrates

- ESB50749** Land Invertebrate Collection
- ESB50750** Woodlice
- ESB50751** Spiders
- ESB50752** Spiders Mixed species
- ESB50753** Beetles Land species
- ESB50754** Millipedes Native species
- ESB50755** Giant Millipedes adult
- ESB50756** Centipedes Native species
- ESB50757** Red Ants *Myrmica rubra* (Apr-Oct.)
- ESB50758** Yellow Meadow Ants
- ESB50759** Black Ants *Lasius niger* (May-Sept)

Molluscs / Slugs

- ESB50760** Giant African Snails
- ESB50761** Cuttlefish Bones
- ESB50762** Giant African Land Snail Kit
- ESB50763** Garden Snail
- ESB50764** Mixed species of slugs

Ecotoxicology

Beneficial Organisms Grassland and Aquatic

- ESB50765** *Gammarus pulex*
- ESB50766** *Gammarus pulex*
- ESB50767** *Asellus*
- ESB50768** *Crangonyx*
- ESB50769** *Lumbriculus variegatus*
- ESB50770** *Eisenia foetida foetida*
- ESB50771** Chironomous
- ESB50772** *Lemna minor*

Annelids

- ESB50773** Brandling Worm
- ESB50774** Brandling Worm
- ESB50775** *Dendrobena*
- ESB50776** Earthworms
- ESB50777** Brandling Worm Media

Pond Life

- ESB50778** Damselfly Nymphs
- ESB50779** Mayfly Nymphs
- ESB50780** Pond Skater
- ESB50781** Dragonfly
- ESB50782** Freshwater Blackworms
- ESB50783** Water Beetles

An exciting display of ground dwelling mini beasts. This collection contains over 60 Specimens including Centipedes, Slugs, Spiders, Woodlice, Beetles etc. Plus a full colour name trail identity car , per pk»

- Pk/10
- Pardosa. Male - May / June. Female - May / Sept pk/10
- Pk/10
- Pk/10
- Pk/10
- pk/10
- Per 100
- Suitable for forming a temporary colony ,per 100
- Per 100



- Achatina. Juvenile , per 5
- Pack of 3
- This kit contains 5 juvenile snails, 1 medium tank, cuttlefish bones and peat plus full instructions on how to care for them.
- Helix aspersa Pk/5
- Pk/10 Please enquire about specific species. Slugs



Many species are needed to comply with the EEC registration requirements. Listed below are the species available from stock or on a seasonal basis. If you have a special requirement for unlisted specimens please enquire. Ecotoxicology items must be sent by courier or sp. del.

- 2-3 Months, juvenile per 100
- Adult, Mixed sex per 100
- Adult, Mixed sex per 100
- Adult, Mixed sex per 100
- Fresh water black worms per 100
- 300 - 600mg Sexually mature, hand selected per 100
- Midge larvae, mature aquatic bloodworm per 100
- Lesser duckweed, cultured per 100g



- «Hand selected mature worms, weighing between 300 - 600mg. *Eisenia foetida foetida* pk/100»
- «*Eisenia* species. A small alternative to lumbricus. Easily bred. Supplied in a tub with medium. approx 30»
- Composter worms - 500g
- Lumbricus terrestris*. Mature lob worms each with clitellum , per 10
- 1kg

- Demoiselle per 10
- Chloen per 10
- Gerris (May-Oct)per 10
- Nymph, mixed species per 5
- Lumbriculus variegatus* approx 30
- each



- ESB50784 Water Boatman
- ESB50785 Lesser Water Boatman
- ESB50786 Water Louse
- ESB50787 Freshwater Shrimp
- ESB50788 Mosquito Larvae
- ESB50789 Mosquito Pupae
- ESB50790 Caddisfly
- ESB50791 Blood Worm

Leeches

- ESB50792 Pond Leeches

Pond Snails

- ESB50793 Pond Whelk
- ESB50794 Trapdoor Snail
- ESB50795 Pond Whelk
- ESB50796 Ramshorn Snails
- ESB50797 Mixed Pond Snails
- ESB50798 Freshwater Aquarium Collection

- ESB50799 Daphnia Water Fleas
- ESB50800 Daphnia Bulk Bag

Living Marine

- ESB50801 Brine Shrimp Kit
- ESB50802 Brine Shrimp Eggs
- ESB50803 Brine Shrimp Adult
- ESB50804 Dunaliella
- ESB50805 Microbial Culture
- ESB50806 Alga Gro
- ESB50807 Marine Tube Worm
- ESB50808 Anemone
- ESB50809 Prawns
- ESB50810 Seaweed
- ESB50811 Limpets
- ESB50812 Periwinkle
- ESB50813 Mussel
- ESB50814 Red Rag Worm
- ESB50815 Shore Crab

- Notonecta per 10
- Corixa per 10
- Asellus per 10
- Gammarus per 10
- Culex per 10
- Culex per 10
- Larvae, Sept - April per 10
- Chironomus per 10

Mixed species per 10

- Lymnaea stagnalis per 10
- Viviparus viviparus per 10
- Lymnaea peregra per 10
- Planorbis corneus per 10
- This is a selection of snails per 10

A collection of pond life which consists of over 60 specimens. The collection includes: Planaria, Asellus, Gammarus, Daphnia etc. Plus a full colour name trail identity key card. The collection will vary at different times of the year. Used for a temporary class room setup. per bag c300

This bulk bag can be used to help clear algae from ponds.

This kit contains all the items needed to set up a brine shrimp culture. A full online PDF manual from the British Ecological Society can be found and downloaded by searching for 'Brine Shrimp Ecology' online. This kit is ideal for key stages 3 and 4 and the individual items can be replaced as and when needed. Brine shrimp egg cysts 60ml Liquid fertiliser 150ml Microbial culture 65ml Living culture Dunaliella 65ml Marine salt 50g Marine sand 250g

Artemia Franciscana. Brine shrimp eggs can lie in a dormant state for 10 years or more, waiting for the right environmental conditions and then spring into life to start their life cycle again. (Marine salt required). 60ml

Full grown shrimps feed on marine filter feeder diet. Available with 1 weeks notice.approx 30-50

Large culture

A sample of micro organism and algae from our own brine shrimp culture. 65ml

20ml

Pomatoceros. Supplied on stone. Used to demonstrate fertilisation. pack of 10

Actinia equina pack of 5

Leander pack of 10

Fucus species pack of 10

Patella pack of 10

Littorina pack of 10

Mytilus pack of 10

Nereis diversicolor pack of 100

Carcinus maenas. (Available May-Oct) pack of 100



PRESERVED

- ESB50816 Locust
- ESB50817 Millipede
- ESB50818 Centipedes species
- ESB50819 Woodlice species
- ESB50820 Housefly
- ESB50821 Blowfly Calliphora. Adult
- ESB50822 Blowfly Calliphora Larvae
- ESB50823 Blowfly Calliphora Pupae
- ESB50824 Cockroach
- ESB50825 Cockroach
- ESB50826 Giant Cockroach
- ESB50827 Spider Species
- ESB50828 Scorpion Species
- ESB50829 Butterfly Adult
- ESB50830 Butterfly Larvae
- ESB50831 Butterfly Pupae
- ESB50832 Ants (Garden)
- ESB50833 Beetles
- ESB50834 Wasp
- ESB50835 Mosquito Adult
- ESB50836 Mosquito Larvae
- ESB50837 Mosquito Pupae
- ESB50838 Flea
- ESB50839 Louse Species
- ESB50840 Bed Bug Species
- ESB50841 Aphids Species
- ESB50842 Prawn
- ESB50843 Shore Crab
- ESB50844 Freshwater Shrimp
- ESB50845 Crayfish
- ESB50846 Marine Shrimp
- ESB50847 Water Louse
- ESB50848 Water Beetle

Molluscs

- ESB50849 Garden Snail
- ESB50850 Cuttlefish
- ESB50851 Squid
- ESB50852 Freshwater Mussel
- ESB50853 Octopus Species
- ESB50854 Sea Mussel Mytilus edulis

Coelenterates

- ESB50855 Hydra
- ESB50856 Jelly Fish
- ESB50857 Sea Anemone

Poriferans

- ESB50858 Marine Sponge Species

- Schistocerca adult pack of 10
- Species pack of 10
- Pack of 10
- Pack of 10
- Musca domesticae. Adult pack of 10
- Pack of 10
- Pack of 10
- Pack of 10
- Periplaneta americana Pk/10
- Blatta orientalis Pack of 10
- Species each
- Pack of 10
- Each
- Pack of 10
- Pack of 10
- Pack of 10
- Pack of 10
- Pack of 10
- Pack of 10
- Pack of 5
- Pack of 5
- Pack of 5
- Pack of 10
- Leander serratus Pack of 5
- Carcinus maenas Pack of 5
- Gammarus pulex Pack of 10
- Astacus Vaccum packed unless requested in a jar. each
- Crangon pack of 5
- Asellus pack of 10
- Adult species each

- Helix aspersa , Pk/10
- Sepia officinalis , Each
- Loligo forbesi , Each
- Anodonta , pk/5
- Species , Each
- Mytilus edulis , Pk/5

- Pack of 10
- Aurelia , Each
- Named Species , Each
- Species , per 10



Nematodes

ESB50859 Pig Round Worm Ascaris Ascaris , pack of 5

Annelids

ESB50860 Lugworm Arenicola marina Pack of 5

ESB50861 Earthworm Lumbricus mature Pack of 10

ESB50862 Rag Worm Nereis Pack of 5

Echinodermata

ESB50863 Starfish Asterias small Each

ESB50864 Starfish Asterias Large Each

Platyhelminthes

ESB50865 Tape Worm Monezia Each

ESB50866 Sheep Liver Fluke Fasciola hepatica Pack of 5

Preserved Chordata - Carosafe

Colour injections of preserved specimens:

PLAIN: No colour.

SINGLE: Arterial system injected with red latex.

DOUBLE: Second injection of blue latex in systemic veins.

TRIPLE: Third injection of yellow latex in hepatic system

All of our specimens are ethically sourced.

Chordata on these pages are stored in Carosafe or Phenoxetol (odourless preservative)

ESB50867 Jumbo Frog Rana 12-14cm

ESB50868 Frog Rana Adult. 8-10cm

ESB50869 Frog Rana Double injected 10-12cm

ESB50870 Sheep Brain With dura matter

ESB50871 Sheep Kidney Each

ESB50872 Sheep Heart Roots of vessels intact each

ESB50873 Cow Eyes Pack of 5

ESB50874 Sheep Eyes Pack of 5

ESB50875 Bony Fish Large 10cm+ , Each

ESB50876 Stickleback Gasterosteus , pack of 10

ESB50877 Rat - Rattus 20cm-22cm Each

ESB50878 Rat - Rattus Single injected Arterial system injected with red latex.

ESB50879 Rat - Rattus Double injected Second injection of blue latex in systemic veins.

ESB50880 Rat - Rattus Triple injected Third injection of yellow latex in hepatic system.

ESB50881 Lancelet Pack of 5

ESB50882 River Lamprey Each

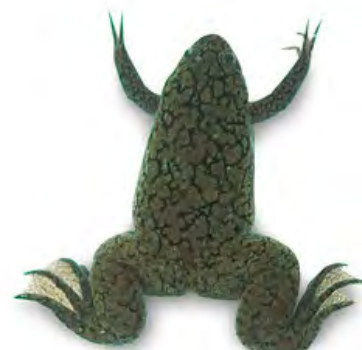
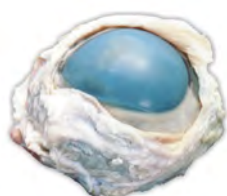
ESB50883 Lizard Anole , Each

ESB50884 Pregnant Rattus Each

ESB50885 Vertebrate Survey Kit-Carosafe «The set includes 9 specimens to show the diversity of vertebrate organisms. Set includes: Amphioxus, Lamprey, Dogfish, Perch, Necturus (salamander), Frog, Turtle, Pigeon, Rat, Teachers manual, Student guide»

ESB50886 Pigeon Plain

ESB50887 Pig Kidney Plain





Biochemistry I Kit

This kit was designed to introduce students to the chemistry of living things and relate biochemistry to everyday life. Includes five basic biochemistry experiments in which students use chemical methods to test for proteins, carbohydrates and lipids, use Pepsin to digest protein and Ninhydrin to detect amino acids, test the activity of salivary amylase (both in vitro and in vivo), develop a technique for determining ascorbic acid concentration and use it to evaluate the vitamin C levels in substances, and determine of the alkalinity of acidity of foods. A great exploratory or introductory experience is gained by performing the test procedures. Ideal for students in biology, general science, or biochemistry courses. Required, but not included: a hot plate or water bath, glass rods, and food samples for testing. Designed for 24 students working in six groups of four. Grades 8-12

ESB50904



Biochemistry II Kit

Expose upper level students to an expansive survey of fascinating biochemistry experiments. The kit introduces students to scientific techniques while examining ten different topics at a more in-depth level than Biochemistry I. Includes: Determining the pH of Foods, Saliva, and Soil; Starch Determination, Sugar Determination, Fat Determination, Protein Determination, Amino Acid Determination - Pepsin to Digestion of Protein, Ninhydrin Amino Acid Detection, Effects of Varying Conditions on Salivary Amylase Activity, Modelling How Digestion Works, Determination of Ascorbic Acid Concentration, Paper Chromatography of Various Dyes and Plant Pigments Using Different Solvents. Ideal for biology, nutrition, general science, or biochemistry courses. Required, but not included: a hot plate or water bath, 50mL beakers, forceps, storage jars with caps, funnels, and food samples for testing. Designed for 24 students working in six groups of four. Grades 9-12

ESB50906

Biochemistry I Refill

Refill for Biochemistry I. Grades 8-12

ESB50905



Enzymes (Introduction) Kit

Enzymes are often present in such small quantities that the amount of enzyme is determined by measuring its activity. Through the disappearance of a substrate or the appearance of a product. This kit is designed to study the enzyme activity of Invertase, Amylase, and Pepsin using specific enzyme assay systems. It includes five introductory experiments: Demonstrating Invertase Activity, Demonstrating Amylase Activity, Demonstrating Pepsin Activity, Demonstrating the Presence of Amylase in Saliva, and The Effect of Time on the Activity of Invertase. Invertase and amylase activity are measured using DNS colour change systems. Visual examination or a spectrophotometer can be used to determine enzyme reaction rates for these systems. Kit includes all necessary chemicals and a reply card for Invertase, Amylase - Pepsin & Haemoglobin to be shipped separately upon request. Reply card items are only shipped within the continental United States. Requires lab glassware; including beakers, test tubes, and graduated cylinders; a hot plate or water bath, and a spectrophotometer or colorimeter, absorption 540 nm (optional). Designed for a class of 24 working in groups of 4. Activities are appropriate for advanced biology classes and recommended for Grades 10 - 14.

ESB50907





Effect Of PH On Enzymes Kit

This kit demonstrates the effect of pH on enzyme activity using the enzymes Invertase and Amylase. The pH affects the activity of enzymes in two ways: by affecting the charges on groups in the enzyme's three-dimensional active site and by altering the charges which hold the enzyme molecule together. Altering the charges in the active site can greatly change enzyme activity, but these changes are usually reversible. When an enzyme molecule is denatured by pH changes, the effects are usually not reversible and the enzyme becomes permanently inactive. Enzyme activity is measured using DNS reduction to ANS, which may be assessed visually or by spectrophotometer. Required, but not included: lab glassware; including beakers, test tubes, and graduated cylinders; a hot plate or water bath, use of a spectrophotometer or colorimeter is optional (absorption 540 nm). Reply card must be returned to obtain Invertase and Amylase enzymes. Reply card items are only shipped within the continental United States. Designed for advanced biology classes and includes sufficient chemicals for 24 students working in six groups of four. Grades 10-14

ESB50908



Enzymes In The Home Kit

Using this kit, students will examine enzymatic processes that are commonly used in the home for making cheeses, tenderizing meat, and cleaning. Includes three experiments: Curds & Whey Using Rennet, Proteases and Other Meat Tenderizers, and Detection of Enzymes in Wash Detergents. Required, but not included: a balance, water bath, laboratory glassware including test tubes, graduated cylinders, and beakers; thermometers, test tube racks, distilled water, and ice. Designed for 24 students working in groups of four. Grades 9-14

ESB50909



Advanced Enzymology Kit

The enzyme Invertase hydrolyses sucrose into glucose and fructose. The amount of these reducing sugars can be measured with the chemical DNS which creates a distinctive colour change. Students use a spectrophotometer to determine the reaction rate of Invertase when subjected to varied substrate concentrations, competitive and non-competitive inhibitors, changes in pH, and changes in temperature. Kit includes all necessary chemicals and a reply card for the Invertase enzyme and glucose solutions to be shipped separately upon request. Reply card items are only shipped within the continental United States. Required, but not included: lab glassware; including beakers, test tubes, and graduated cylinders; a hot plate, and a spectrophotometer. Designed for advanced biology classes and includes sufficient chemicals for 24 students working in six groups of four.

ESB50910



Physical Properties Of Protein Kit

This kit demonstrates the important effects of physical parameters such as temperature, pH, salt concentration, and dielectric constants on proteins and illustrates how these effects are used in the isolation and purification of proteins. A protein's amino acid composition and structure influence its physical characteristics. Experiments include: Isoelectric Precipitation of Casein, Separation of Albumin and Gelatin by Ammonium Sulphate Fractionation, Effects of Acetone on Albumin and Gelatin Solutions, Heat Denaturation of Albumin, and Precipitation of Protein by Lead Acetate. Required, but not included: Bunsen burner, glassware, test tube holders. Contains lead acetate. Designed for 24 students working in six groups of four. Grades 9-14

ESB50911

Physical properties Of Protein Refill

ESB50912





Properties Of Lipids Kit

Lipids constitute a heterogeneous collection of compounds grouped together because of their solubility properties. In nature they are essential for membrane structure and function and for energy storage. The tests in this kit demonstrate the properties of lipids, teach students how to identify lipids, show students how to dissolve lipids in polar substances, and allow students to distinguish between saturated and unsaturated lipids. Experiments include: Solubility of Lipids, Emulsification of Lipids, Grease Spot Test for Fats, Saponification of Fats, and Iodine Test for Absorption. This kit includes chloroform - Petroleum ether, and methanol. Required, but not included: a fume hood, water bath - Personal protective equipment, test tubes, and watch glasses. Designed for 24 students working in six groups of four. Grade: College Level

ESB50913



Qualitative Analysis Of Carbohydrates

With this kit students learn about the unique properties of carbohydrates and how to run analytical tests for characterizing various carbohydrates, starches, and sugars. Experiments includes the Anthrone test for carbohydrates, iodine test for starch, Benedict's test for reducing carbohydrates, Barfoed's test for reducing monosaccharides, Seliwanoff's test for ketosis, and Bial's test for pentoses. Required, but not included: Hot plate or burner, concentrated and 3M hydrochloric acid, concentrated sulphuric acid, glassware. Designed for 24 students working in six groups of four. Grades 10-14

ESB50914



Sequence Of A Peptide

Students will determine the amino acid sequence of a tri peptide isolated from a protein hydrolysate. The experiments in this kit enable students to determine the chain length of the peptide by formal titration, determine the amino acid content and composition of the tripeptide using chromatographic techniques to determine Rf values, and identify which amino acids are the N-terminal and C-terminal residues using solvent extraction, enzymatic digestion, and chromatographic techniques. This kit contains formaldehyde. Includes student data sheets. Designed for 24 students working in groups of four. Grade: College Level.

ESB50915

Sequence Of A Peptide Refill

Grades College

ESB50916



Amino Acid Analysis By TLC

Students learn the theory of chromatography; then separate two different unknown amino acid mixtures using thin layer chromatography (TLC) with amino acid standards run alongside the unknowns. Ninhydrin is used as a visualizing agent; then the rate of flow (Rf) values are calculated for each spot identified on the chromatograms. Students are challenged to predict the migration of the amino acids on the TLC after looking up the structures and pKa values of the four amino acid standards. The unknown components are identified by comparing the Rf values from the unknown amino acid mixtures to Rf data obtained from the four known amino acid standards. Required, but not included: hair dryer, 600 mL beakers for chromatography chambers, clear plastic rulers, and standard laboratory supplies. Designed for 24 students working in six groups of four. Grades 10-14

ESB50918

Amino Acid Analysis By TLC Refill

ESB50919





Qualitative Analysis Of Protein And Amino Acids

This kit demonstrates the principles of protein and amino acid analysis and enables students to identify unknown compounds. In this set of lab activities, students work with the proteins, albumin and gelatin, as well as the amino acids, glutamic acid, glycine, cystine, cysteine, tyrosine, tryptophan, and arginine. Ninhydrin is used to detect the presence of amines, indicating the presence of amino acids and/or proteins, the Biuret test is used to detect the presence of peptide bonds, and specific analytical tests are used for determining the presence of individual amino acids. Protein and amino acid analysis techniques are an integral part of biochemistry and the range of tests available for analysing amino acids and proteins are indicative of their importance. Required, but not included: concentrated nitric acid, ethanol, hot plates, balances, glassware, and distilled water. Designed for 24 students working in six groups of four. Grades 10-14

ESB50920

Glucose Test Strips

This Glucose Test Strips PK/20

ESB50934

Amino Acid Kit

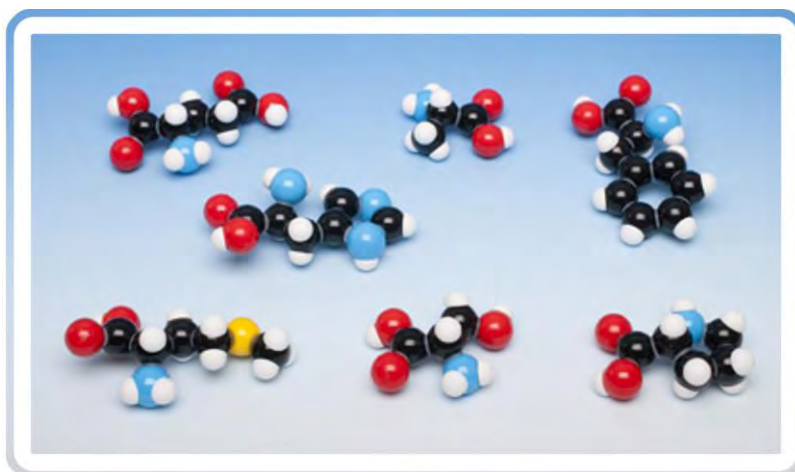
This molecular kit can be utilized to demonstrate 8 models of L-configuration amino-acids. The amino acid molecular model collection set includes 125 atom parts and 180 NV links. There is no better way to demonstrate the structure and function of amino acids than with this molecular model set.

The following amino acids can be assembled. Group 1 Valine, Group 2 Threonine, Group 3 Phenylalanine, Group 4 Methionine, Group 5 Histidine, Group 6 Aspartic acid, Group 7 Glutamine and Proline. Extra parts are included to form peptide bonds and hydrogen bonds to make a polypeptide chain and part of a beta-pleated sheet.

Diameter of atom parts ranges from 14.5 - 15 mm.

Contents:

- 24 Carbon black, 4-hole
- 19 Carbon black, 3-hole
- 77 Hydrogen white
- 10 Oxygen red -angular
- 10 Oxygen red - linear
- 1 Sulphur yellow
- 1 Nitrogen blue
- 9 Nitrogen blue trigonal
- 1 Nitrogen blue angular
- 8 Hydrogen
- 90 NV-links
- 2 Short link remover tools



ESB50917



Sphygmomanometer

(Blood Pressure Mercurial)

Mercurial measuring range 0-300mmHg



ESB50983

Blood Pressure Monitor Digital

Upper Arm Blood pressure Monitor
One Upper Arm Digital Blood Pressure Monitor
Detachable Upper Arm Cuff
Fitted with World Health Organisation classifications
Ideal for measuring blood pressure at home

Easy to use, one touch system
Large display with back-light coloured screen
Highly cost effective
Requires 4 x AA batteries (not included)
Clear easy to see buttons for operation
Automatic power off 3 mins



ESB50986

Blood Pressure Monitor Wrist Type

Easy to Use Wrist Blood pressure Monitor
The Wrist cuff has a circumference of 13.5cm-21.5cm
Measuring Accuracy of +/- 3mmHg of pressure
Measuring Accuracy of +/- 5% Pulse reading
Measuring pressure range of 0-299 mm-Hg
Measuring Pulse range of 40-199 pulse per minute

Auto power off feature to conserve battery life (3 Mins)
Electronic Inflation
Back-light display
IHB indicator

Supplied with a handy hard case for storage
Powered by 2 x AAA batteries not included

ESB50987

Blood Pulse Oximeter Fingertip

Fingertip Pulse Oximeter
Large Clear LED Screen
4 way movement for comfort
Automatic Power off
Highly accurate
SP02 measurement 70%-99%
Powered by 2x AAA batteries
lanyard supplied
Two Measurement types SP02 and Pulse rate (BPM)



ESB50988



Pumping Heart Model

Scientific experiments, pumping heart

ESB50991



Stethoscope Training , Dual Head

Chrome-plated binaural, lightweight anodized- aluminium chest piece (1-3/4 in. Dia.), 22 in. Vinyl Y-tubing, spare diaphragm, and a pair of soft mushroom ear tips. Overall length: 30 in.

ESB50989

Stethoscope

With very sensitive Chest-piece covers an essential range of sounds to listen to the heartbeats and functional sound of lungs. Very convenient to use and more suitable for medical students and colleges.



ESB50990





Human Disarticulated Skeleton, Full

This life size model shows the complete human skeleton with separated bones: skull, axial section, hyoid bone, ribs, sternum with rib cartilage, upper and lower limbs, sacrum and coccyx are represented in high detail. One hand and foot (left) are on wire, the other set is removed. The skull can be disassembled into 3 parts: skullcap, base of skull and mandible.

Dimensions : 54 x 39 x 21cm
 Net weight : 8000 g

ESB51032



Human Disarticulated Skeleton, Half

This life-size model features a disarticulated human skeleton comprising one of each bone type: skull, axial skeleton, hyoid bone, ribs, intervertebral discs, sternum with rib cartilage, upper and lower limb, sacrum, and coccyx, all depicted in high detail. Additionally, the right hand and foot are represented on wire. The skull is designed to be disassembled into three parts: skullcap, base of the skull, and mandible.

Net Weight : 4000`g

ESB51032/H



Human Skeleton, 45cm

This is 45cm height human skeleton model. Skullcap and legs can be removed easily. White color.

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ESM61860



Human Skeleton with Nerves Hanging 85cm

This 1/2 life size model shows the anatomy of the human skeleton.

With nerves and transparent intervertebral discs.

This skeleton is hanging, which spine is flexible.

All the main joints are articulated. Arms and legs can be removed easily.

Dimensions : 50 x 24 x 16.5 cm
 Net weight : 2500 g

ESB51034H





Human Skeleton Model With Nerves 85cm

Mini skeleton with nerves outlined , The skull can be dissembled into 3 parts: skullcap, base of skull and mandible. All the main joints are articulated. Arms and legs can be removed easily. Mounted on a stand

Dimensions : 85 cm

ESB51034



Human Skeleton Model 85cm

Mini skeleton The skull can be dissembled into 3 parts: skullcap, base of skull and mandible. All the main joints are articulated. Arms and legs can be removed easily.

Mounted on a stand
Dimensions : height 85 cm

ESB51033

NEW



Human Skeleton Model With Nerves & Muscle, Numbered 85cm ,Hanging

"This 1/2 life size model shows the anatomy of the human skeleton.With nerves and transparent intervertebral discs.This skeleton is hanging, which spine is flexible.

All the main joints are articulated. Arms and legs can be removed easily. The half side of the skeleton shows the points of origin (red) and the points of

ESB51031H

NEW



Human Skeleton Model With Nerves Muscles 85cm

This 1/2 life size model shows the anatomy of the human skeleton. With nerves and transparent intervertebral discs. The skull can be dissembled into 3 parts: skullcap, base of skull and mandible. All the main joints are articulated. Arms and legs can be removed easily. The half side of the skeleton shows the points of origin (red) and the points of insertion (blue) of the muscles

Dimensions : 85 cm

ESB51030

NEW



Human Skeleton Model With Blood Vessels 85cm

This 1/2 life size model shows the anatomy of the human skeleton. It shows the artery, vein, nerves and heart. The skull can be dissembled into 3 parts: skullcap, base of skull and mandible. There is a brain inside the skull.

All the main joints are articulated. Arms and legs can be removed easily.
Dimensions : 85 cm Weight : 2500 g

ESB51029

NEW



Human Skeleton Model Hanging With Ligament & Muscle,Numbered 85cm

This 1/2 life size model shows the anatomy of the human skeleton.With nerves and transparent intervertebral discs. This skeleton is hanging, which spine is flexible.

All the main joints are articulated. Left arm and legs can be removed easily. The half side of the skeleton shows the points of origin (red) and the points of insertion (blue) of the muscles. The other side shows the ligaments..

Dimensions : 85 cm

ESB51031



Human Skeleton Model 170cm

This life-size human skeleton model is meticulously crafted to showcase each skeletal part with exceptional detail. Hand-assembled for intricate accuracy and long-term durability, it features articulated main joints and easily detachable upper and lower limbs.

The detachable parts include:

Calvarium (skullcap)

Jaw

Legs

Skull

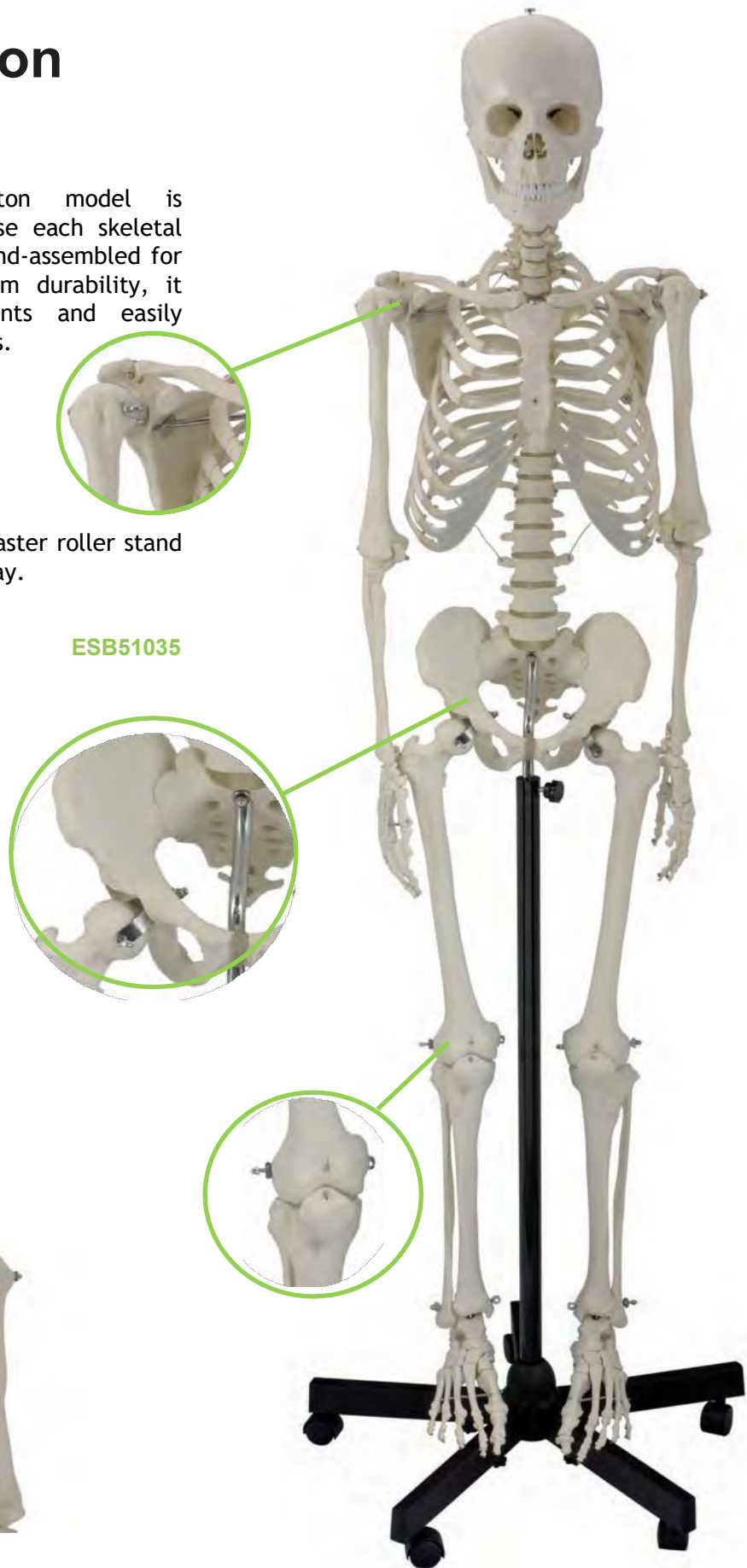
Arms

Additionally, it comes with a 5-caster roller stand for convenient mobility and display.

Dimensions : 176 cm height

Weight : 9000 g

ESB51035



NEW

Human Skeleton Flexible Model 170cm

This model is a replica of a life size human skeleton and shows all the skeleton parts in high details. It's hand-assembled to provide intricate details and long-lasting durability. The main joints are articulated; the upper and lower limbs can be removed easily. Spine is flexible.

Dimensions : 176 cm height
Weight : 9000 g

ESB51035FLX



Human Skeleton Model With Ligaments

Human Skeleton Model With Ligaments

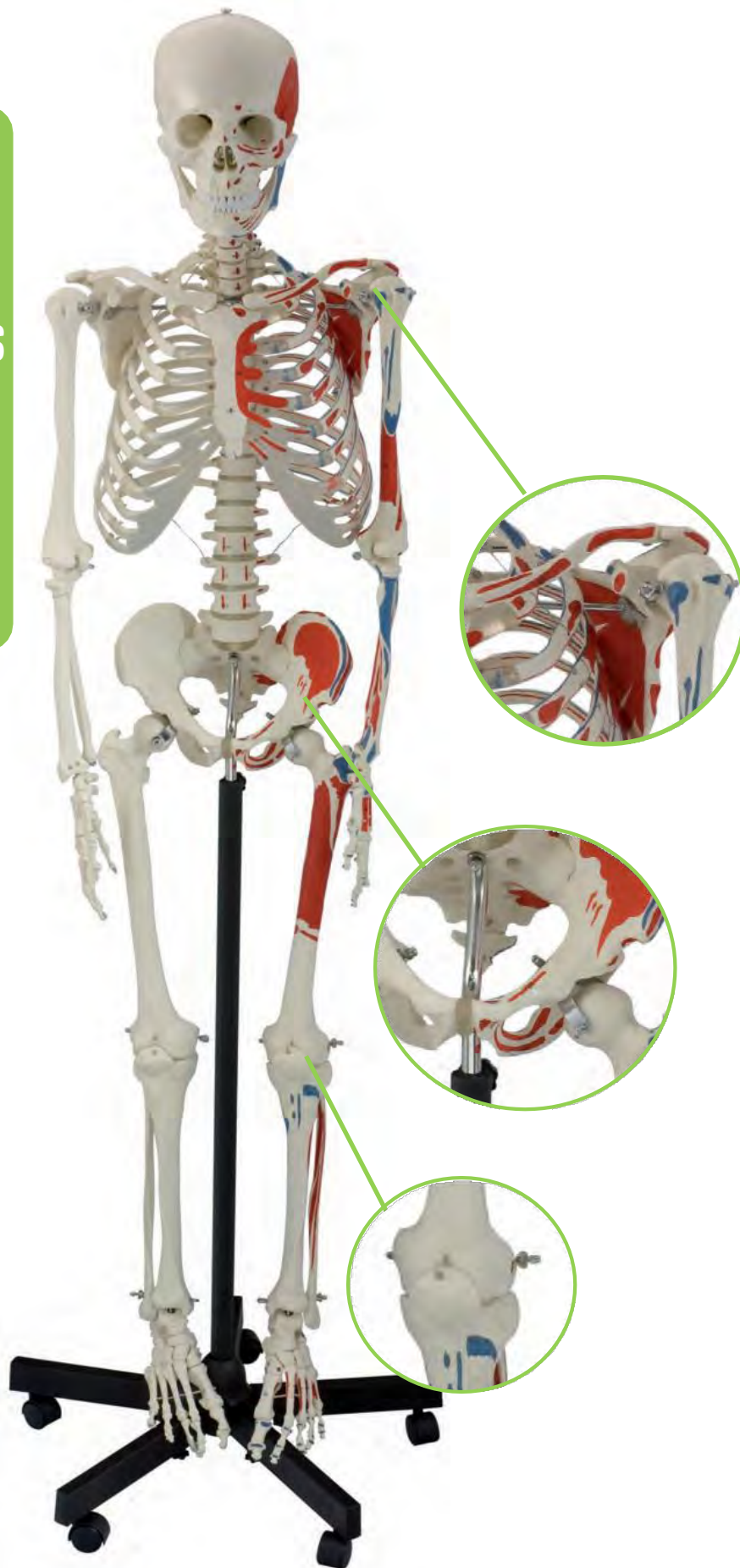
Full-size model is mounted upright and carefully casted in durable molding with natural colour plastic. Arms and legs are joined by connectors and can be moved to demonstrate natural movement around the joints. Both the arms and the legs are removable for further study. The skull features a moveable jaw, suture lines, Includes a roller base Size : 176cm height

Dimensions : 176 cm height

Weight : 9000 g

ESB51036





Human Muscular Skeleton Model

Full-size model is mounted upright and carefully casted in durable moulding with natural colour plastic. Arms and legs are joined by This model is a replica of a life size human skeleton and shows all the skeleton parts in high details. It is hand assembled to provide intricate details and long-lasting durability. The main joints are articulated; the upper and lower limbs can be removed easily. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. The left side of the skeleton shows the points of origin (red) and the points of insertion (blue) of the muscles.
 Dimensions : 96*45*27cm ;176 cm height
 Weight : 11000 g

ESB51037



Human Muscular Skeleton Model with Ligaments

Full-size model is mounted upright and carefully casted in durable moulding with natural colour plastic. Arms and legs are joined by connectors and can be moved to demonstrate natural movement around the joints. Both the arms and the legs are removable for further study. The skull features a moveable jaw, suture lines, Includes a roller base

Dimensions : 176 cm height

Net weight : 9000 g

ESB51038





Human Flexible Muscle Skeleton Model With Ligament, Numbered

This model is a replica of a life size human skeleton and shows all the skeleton parts in high details. It's hand-assembled to

provide intricate details and long-lasting are articulated; the upper and lower limbs following parts are detachable: Calvarium, Jaw, Legs, Skull, Arms. The left side of the skeleton shows the points of origin (red) and the points of insertion (blue) of the muscles. Muscles are numbered and with a manual. The right side shows the ligaments.

Spine is flexible.

Dimensions : 176 cm

Net weight : 9000 g

ESB51038FLX

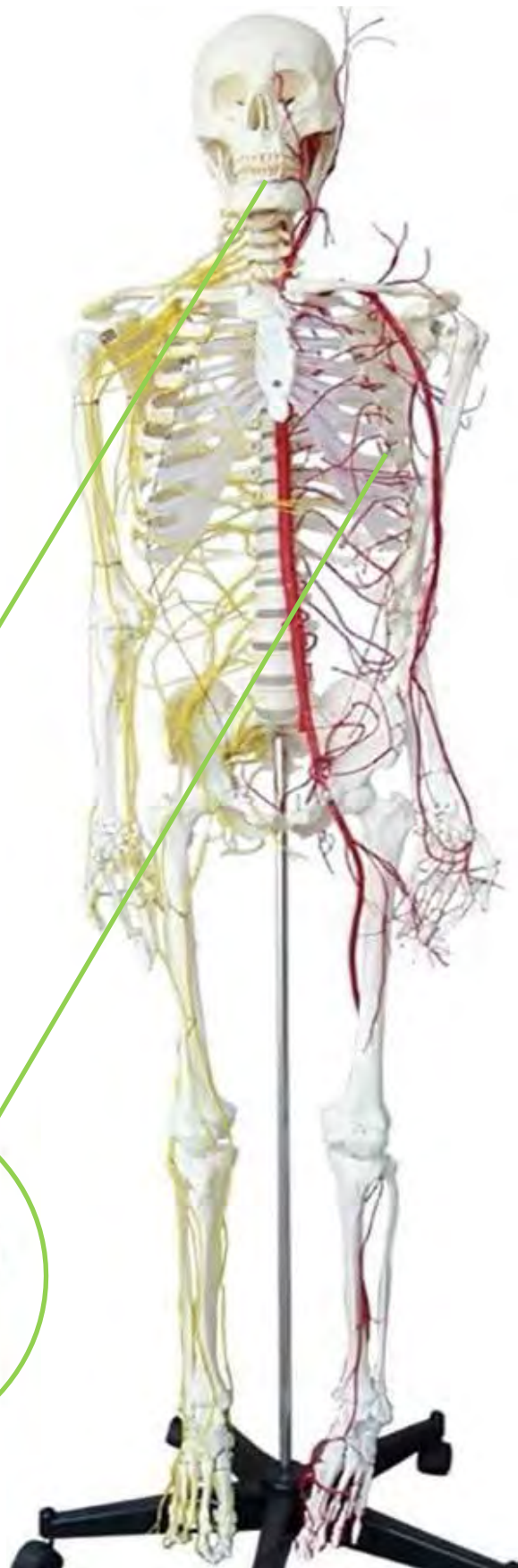


NEW

Human Skeleton With Nerves and Blood Vessels Model 170 cm

Full-size model is mounted upright and carefully casted in durable moulding with natural colour plastic. Arms and legs are joined by This model is a replica of a life size human skeleton and shows all the skeleton parts in high details. It's hand assembled to provide intricate details and longlasting durability. The main joints are articulated; the upper and lower limbs can be removed easily. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. The left side of the skeleton shows the points of origin (red) and the points of insertion (blue) of the muscles. Dimensions : 170 cm height

ESB51028



Biology



**Skull Mini Model**

Mini human skull model
 Dimensions : 10*7*8 cm
 Weight : 110 g

ESB51039

**Skull With Muscle Insertion**

This life-size model reproduces the human skull in great detail. All the most important anatomical structures are numbered; the left side of the skull shows the points of origin (red) and the points of insertion (blue) of the muscles. It can be disassembled into three parts: skullcap, base of skull and mandible.

Dimensions : 19.5*15*13 cm
 Weight : 800 g

ESB51043

**Classic Skull Model**

A detailed reproduction of a life size human skull with all structural details. The skullcap is removable to show the internal structure of the skull. The mandible is articulated and removable. All of the joints, sutures, fissure, foramina and processes are portrayed with utmost accuracy.

Dimensions : 19.5*15*13 cm
 Weight : 800 g

ESB51041

**Numbered Skull Model**

A detailed reproduction of a life size human skull with all structural details. The skullcap is removable to show internal details. The mandible is articulated and removable. All of the joints, sutures, fissure, foramina and processes are portrayed with utmost accuracy. Significant structures are numbered.

Dimensions : 19.5*15*13 cm
 Weight : 800 g

ESB51042



NEW



Skull Colored 22 Parts

This fascinating model of an average European adult skull can be disassembled into 22 single bones. During development of this model one of the main targets was to make the model easy to assemble and dismantle. Stable parts with convenient magnet connections make handling of the product a child's play. The detailed bones do not need any complicated pins to be stuck into holes, they almost slide into position, guided by realistic bone sutures and held by strong magnets. The perfect tool for Osteopaths. This version is perfect for visual distinction of the single bones. The bones are produced in different colours, commonly used in anatomy, geminate bones do have identical colour.

Dimnations : 27*18*23 cm
Weight:1500 g

ESB51044/22



Skull 22 Parts

This fascinating model of an average European adult skull can be disassembled into 22 single bones. During development of this model one of the main targets was to make the model easy to assemble and dismantle. Stable parts with convenient magnet connections make handling of the product a child's play. The detailed bones do not need any complicated pins to be stuck into holes, they almost slide into position, guided by realistic bone sutures and held by strong magnets. The perfect tool for Osteopaths.

Dimnations :21.5*19.5*17 cm

ESB51041/22



Skull Mni Model 15 Parts 1/2 life size

This Half Size life , 15 Parts Palm-Sized Anatomy Skull Model For: Medical Teaching Learning, Kids Learning Education Display; This 15 parts mini human skull has every detail; that the big models have, including: the holes, sockets, canals, and a complete set of human teeth. It also shows the bones structure, texture, articulating mandible, eye sockets, sutures, internal nasal cavity, and the endocardium cavity; a great teaching aid for anatomy and physiology courses and school teaching, learning display tool..

Dimnations :15*15*8 cm
Weight:1000 g

ESB51039/15



Skull Colored 15 Parts 1/2 life size

This Half Size life , Printed 15 Parts Palm-Sized Anatomy Skull Model For: Medical Teaching Learning, Kids Learning Education Display; This 15 parts mini human skull has every detail; that the big models have, including: the holes, sockets, canals, and a complete set of human teeth. It also shows the bones structure, texture, articulating mandible, eye sockets, sutures, internal nasal cavity, and the endocardium cavity; a great teaching aid for anatomy and physiology courses and school teaching, learning display tool..

Dimnations : 16*14*8 cm
Weight:700 g

ESB51039C/15





Baby Skull Model (Foetus Skull)

This model represents a human foetal skull in the 30th week of pregnancy.
 Dimensions : 21*16*33 cm

ESB51040



Skull With Cervical Vertebra Model

Life-size skull is highly detailed with representations of the fissures, foramina, processes, sutures, and cervical spine, including the seven cervical vertebrae, spinal cord, cervical nerves, vertebral arteries, basilar arteries, and rear cerebral arteries. Three-part skull can be disassembled into the skull cap, skull base, and mandible. Mandible is spring mounted to demonstrate natural movement and has three removable teeth. Mounted on stand.

Dimensions : 21*16*33 cm
 Weight : 1400 g

ESB51045

NEW



Colored And Muscle Skull With Cervical Vertebra

Life-size skull model with cervical spine column is of high quality and an original cast. It is mounted on a stand, with 7 cervical vertebrae. It is half side didactically Painted and half side painted with muscle insertions and origins in blue and red, which is numbered and corresponds to the manual description.

Skull is 3-part: Calvaria, Base of Skull, and Mandible. Mandible of skull is mounted on a spring to easily demonstrate natural movement.
 Model height: 30cm include. Stand
 Dimensions: 14*19*20 cm

ESB51046/M





Coloured Skull Model

This life size model is a detailed reproduction of the human skull. The skullcap is removable to show internal details; the mandible is articulated and removable. All the joints, sutures, fissures, foramina and processes are portrayed with utmost accuracy. All the bones are depicted in different colours, making this model a useful tool to study the correct position and the relationship of all the structures.

Dimensions : 19.5*15*13 cm

Weight : 800 g

ESB51044



Coloured Skull With Cervical Vertebra

This life size model of skull with Cervical Vertebra is a detailed reproduction of the human skull. The skullcap is removable to show internal details; the mandible is articulated and removable. All the joints, sutures, fissures, foramina and processes are portrayed with utmost accuracy. All the bones are depicted in different colours, making this model a useful tool to study the correct position and the relationship of all the structures.

Dimensions : 21*16*33 cm

Weight : 1400 g

ESB51046



Arm Bone Model

A life size plastic skeleton of the hand with forearm bones (radius and ulna). All the joints are articulated.
 Dimensions :14*5*39 cm
 Weight:700 g

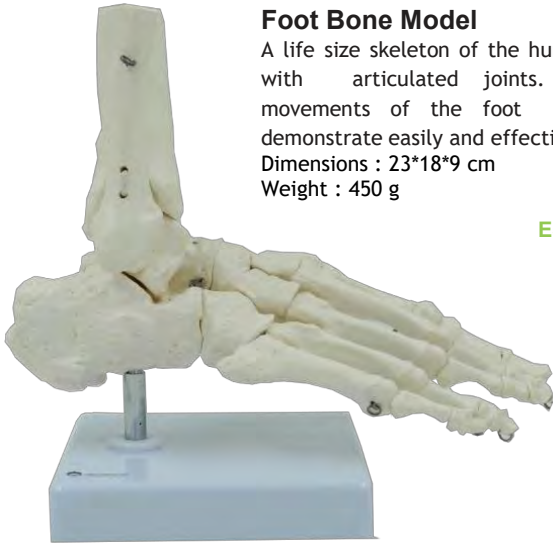
ESB51047



Foot Bone Model

A life size skeleton of the human foot with articulated joints. Natural movements of the foot can be demonstrate easily and effectively.
 Dimensions : 23*18*9 cm
 Weight : 450 g

ESB51353



Hand Bone Model

A life size plastic skeleton of the human hand with articulated joints. Dimensions : 11*11*24 cm Weight : 160 g

ESB51048

NEW



Bone Of The Leg With Half Pelvis

An articulated life size plastic skeleton of the lower limb with half pelvis, including the entire hip joint.
 Diminution: 50*24*16 cm
 Weight: 1800 g

ESB51354

NEW



Bone Of The Leg

An articulated life size plastic skeleton of the lower limb.

ESB51353



NEW



Upper Limb
Length: 70 cm
Weight: 350 g

ESB51355



Upper Limb With Scapula & Clavicle

ESB51357



Hanging Upper Limb With Scapula, Clavicle and Ligaments

ESB51358



Upper Limb With Holder

ESB51356



Hanging Lower Limb With Pelvis And Ligaments

An articulated life size plastic skeleton of the lower limb with half pelvis, including the entire hip joint. With ligaments and base

ESB51360



Lower Limb With Holder

An articulated life size plastic skeleton of the lower limb with half pelvis, including the entire hip joint. With a base

ESB51359





Female Skeletal Pelvis Model

A complete life size skeleton of a female human pelvis consisting of the pelvic bones (ischium, ilium and pubis), sacrum, coccyx and symphysis.

Dimensions : 24*18*21 cm
Weight : 1100 g

ESB51057



Male Skeletal Pelvis Model

A complete life size plastic skeleton of a human male pelvis consisting of the pelvic bones (ischium, ilium and pubis), sacrum, coccyx and symphysis.

Dimensions : 24*18*21 cm,
Weight : 1100 g

ESB51056



Model Of Pelvis With 4th And 5th Lumbar Vertebra

A complete life size plastic skeleton of a human male pelvis consisting of the pelvic bones (ischium, ilium and pubis), sacrum, coccyx and symphysis.

Dimensions : 21*20*24 cm
Weight : 1300 g

ESB51058



Pelvis With 5 Lumbar And Femurs

This life size model consists of the pelvic bones with femur heads, sacrum, coccyx and lumbar vertebrae with intervertebral discs.

Dimensions : 19*13*8.5 cm
Weight : g

ESB51361



Pelvis With 5 Lumbar And Femurs 1

This is reduced size model consists of the pelvic bones with femur heads, sacrum, coccyx and lumbar vertebrae with intervertebral discs.

Dimensions : 32*25*17 cm
Weight : 2000 g

ESB51362



Shoulder Joint Model With Muscle

Full size normal right shoulder includes: infraspinatus, subscapularis, supraspinatus, and teres major and minor muscles; acromion, clavicle, humerus and scapula bones; plus eight ligaments and tendons.

Dimensions : 16.5*13*23 cm
Weight : 1000 g

ESB51050/M



Knee Joint Model With Muscle

Full size normal knee includes: rectus femoris, vastus lateralis and vastus medialis muscles; femur, fibula, patella and tibia bones; anterior cruciate ligament, quadriceps femoris tendon plus six more ligaments and tendons.

Dimensions : 30*35*25 cm
Weight : 1500 g

ESB51051/M





Knee Joint Model

This life size model represents a functional model of knee joint with lateral ligaments, meniscus and patellar ligament.

Dimensions : 12*12*32 cm

Weight : 440 g

ESB51051



Elbow Joint Model

This single-piece life-size model is a realistic representation of the human elbow with ligaments.

Dimensions : 28*11*11 cm

Weight : 580 g

ESB51052



Hip Joint Model

This single piece life-size model illustrates the right hip joint with ligaments.

Dimensions : 15*12 *24.5 cm

Weight : 600 g

ESB51053



Shoulder Joint Model

This life size model shows the shoulder joint with ligaments.

Dimensions : 16.5*11*23 cm

Weight : 430 g

ESB51050



Hand Joint Model With Ligaments

This hand skeleton model shows the anatomical detail of main joint ligaments and tendons found in the hand, wrist,.

Dimensions : 11*11*24 cm,

Weight : 300 g

ESB51055



Foot Joint Model With Ligaments

This detailed foot skeleton model displays numerous important ligaments and tendons including the Achilles and peroneus longus tendons of the ankle. The foot skeleton consists of the foot bone and lower portions of the tibia and fibula, including the introsseous membrane found between them.

Dimensions : 23*18 *30 cm

Weight : 800 g

ESB51054



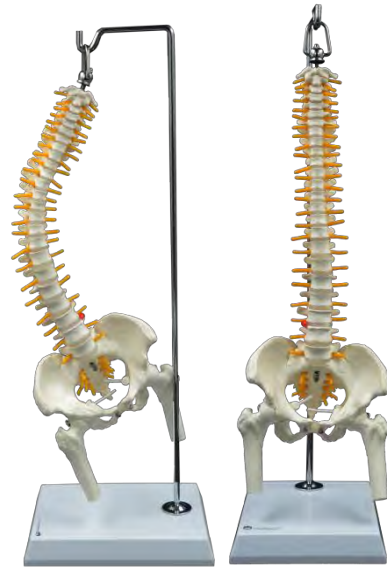


Classic Flexible Spinal Column Model

A fully flexible life size vertebral column including the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and prolapsed L3-L4 inter vertebral disc

Dimensions : 89*24*18 cm
Weight : 3500 g

ESB51059



Flexible Spinal Column Model With Femur

A fully flexible life size vertebral column including the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and prolapsed L3-L4 intervertebral disc

Size : 89*24*18 cm
Net weight : 3500 g

ESB51060



Flexible Spinal Column Model With Colour Coded Regions

A full flexible life size vertebral column including the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx and complete pelvis. Included are the vertebral arteries, spinal nerves and a prolapsed L3-L4 intervertebral disc. The various regions of the spinal column are colour coded for ease of identification.

Dimensions : 89*24*18 cm
Weight : 3000 g

ESB51061



Flexible Spinal Column With Femur

A fully flexible life size vertebral column consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc.

Dimensions : 89*24*18 cm
Weight : 3000 g

ESB51062





Vertebra Column Flexible With Femur Head

A fully flexible life size vertebral column including the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and prolapsed L3-L4 intervertebral disc. The left side of the skeleton shows the points of origin (red) and the points of insertion (blue) of the muscles.

Dimensions : 89*24*18 cm

Weight : 3500 g

ESB51064

NEW



Flexible Spinal Column

A fully flexible life size vertebral column consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx and complete pelvis. Features include representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc.

ESB51366

NEW



Flexible Spinal Column with Colour Coded Regions and Fur

A full flexible life size vertebral column including the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx and complete pelvis and femurs. Included are the vertebral arteries, spinal nerves and a prolapsed L3-L4 intervebral disc. The various regions of the spinal column are color coded for ease of identification.

ESB51367

NEW



Flexible Spinal Column, with Femur, open Sacrum identification.

ESB51062/OS





Skeleton Of Human Trunk With Stand

A fully flexible life size plastic human trunk skeleton consisting of the following features: complete pelvis including the ischium, ilium and pubis, sacrum, coccyx and the symphysis, complete spinal column with ribs and sternum associated structures, occipital plate, clavicle and scapula.

Dimensions : 75*35*30 cm
Weight : 5000 g

ESB51198



Classic Spinal Column 1/2 life Size

A Half life size vertebral column consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc.

ESB51364



Flexible Spinal Column, with Femur, Open Sacrum, with Muscle insertion

ESB51062/OSM



Colored flexible spinal column with femur , Hanging

A hanging 1/2 life size colored flexible vertebral column consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc

ESB51365H



Colored Flexible Spinal Column with Femur

A Half life size colored flexible vertebral column consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads. The model also features representations of the vertebral arteries, spinal nerve branches and a prolapsed L3-L4 intervertebral disc.

ESB51365





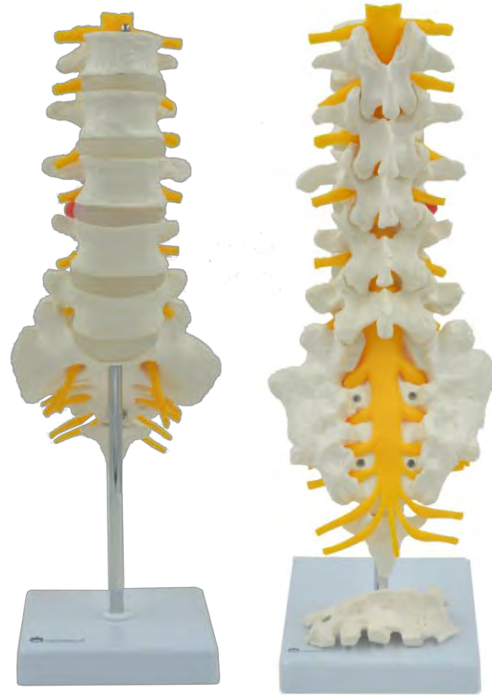
Cervical Vertebrae Occipital Bone With Spinal Cord Model

This real life replica of the anatomy of the cervical spinal column is a high quality model. Consisting of, occipital plate, the 7 cervical vertebrae with intervertebral discs, cervical nerves, vertebral arteries and spinal cord. The cervical spinal column is delivered on a stand.

Dimensions : 19 cm

Weight : 300 g

ESB51063



Lumbar Vertebra, Sacrum Bone With Spinal Nerves Model

This life size model consists of 5 lumbar vertebrae with intervertebral discs, lumbar nerves and spinal cord. The sacral crest and coccyx are removable to show the sacral segment of the spinal cord and associated nerve branches.

Dimensions : 37*12*12 cm

Weight : 800 g

ESB51065

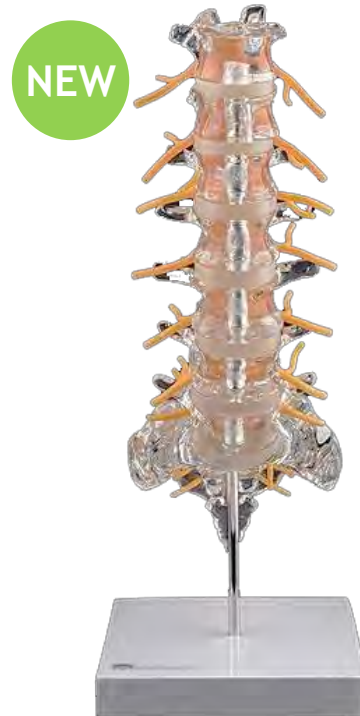


NEW

Deluxe Muscled Cervical

Full size model features brain stem, occipital bone, atlas and axis through C7 (with herniated disc), T1 and T3. This model has a soft cerebellum and full nerve with right side brachial plexus. Muscles include suboccipital triangle, longus capitis, levator scapulae and scalene muscles. The right first and second ribs are also featured and include cartilage.

ESB51283



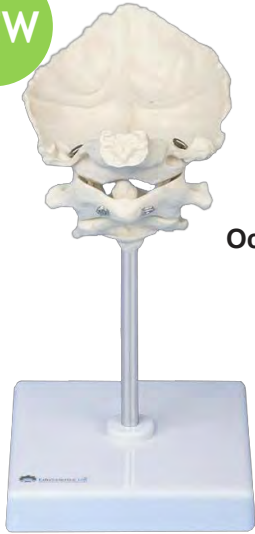
NEW

Transparent Lumbar Vertebra, Sacrum Bone with Spinal Nerves

ESB51065/T



NEW



Occipital, Atlas, Axis Model

ESB51371

NEW

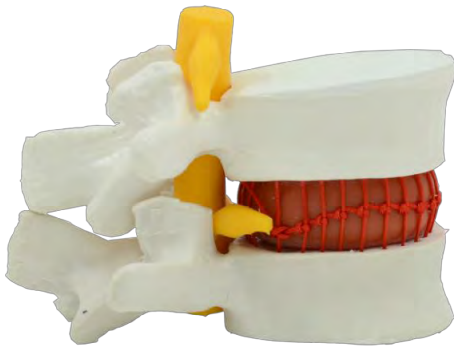


Thoracic Spinal Column

This life size model shows the thoracic spinal column. It consists of 12 thoracic vertebrae with intervertebral discs, thoracic nerves and spinal cord.

Dimensions 2*12*40cm,
Weight : 600 g

ESB51366



Lumbar Vertebra With Hemocyte

This life size model shows 2 lumbar vertebrae with spinal nerves

ESB51067

NEW



Bone Tissue Model

This model is composed of 4 parts and shows different structures of the human bones.

The external structure of the femur with periosteum, blood vessels, spongy bone, compact bone and haversian system.

Dimensions : 44*10*32cm,
Weight : 1500 g

ESB51068



Bone Structure Model

This 80X life-size enlarged model demonstrates a 3-D section of a lamellar bone, along with the normal structure of a tubular bone. Extremely detailed model utilizes various planes in cross, longitudinal, and two-plane sections through all the levels of bone to demonstrate the interaction between the individual bone structure elements. Mounted on a base.

ESB51069



NEW



Cardiac Muscle

This is enlarged cardiac muscle model.

ESB51285

NEW



Smooth Muscle

This is enlarged smooth muscle model

ESB51286



Skeletal Muscle Fiber Model

This model, enlarged approximately 40000X, shows the structure of skeletal muscle fibres, including the anatomical features of sarcomeres with sarcoplasmic reticulum, myosin and actin myofibrils and the neuromuscular plate.

Dimensions : 26*25*19 cm

Weight : 1300 g.

ESB51073



Male Perineum Model

This life size model shows the male perineal area, including the anus and external genitalia.

The pelvic diaphragm, urogenital perineum and anal perineum are well represented, including distribution of blood vessels and nerve endings

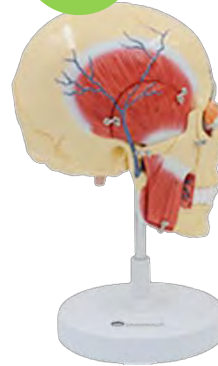
Mounted On Base.

Dimensions : 34 *34*14 cm

Weight : 2000 g

ESB51078/M

NEW



Masticatory Muscle

This is life size half head model, shows the masticatory muscle and brain structure.

ESB51288

NEW



Shoulder Model With Deep Muscle

This model illustrates in great details the muscles, ligament and bones of the shoulder. Through different muscles section it is possible to observe the profound musculature as far as to get bone. Life size model in 1 piece.

Dimensions : 11*11*25 cm

Weight : 530 g

ESB51075

NEW



Muscle of Tongue

This life size model is a ventral view of the human neck, showing excellent details of the main muscles, vascular structures, nerves and glands.

Mounted on board.

Dimensions : 33x23x11.5 cm

Weight: approx. 600 g

ESB51289





Female Perineum Model

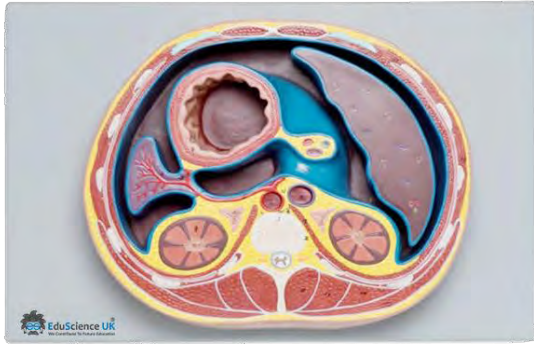
This life size model shows the female perineal area, including the anus and the external genitalia

The pelvic diaphragm, urogenital perineum with opening of the vagina and the anal perineum are well represented. Distribution of blood vessels and nerve endings is included.

Dimensions : 33*23*10cm

Weight : 1200g

ESB51078M



Schematic Cross Section Through Thorax

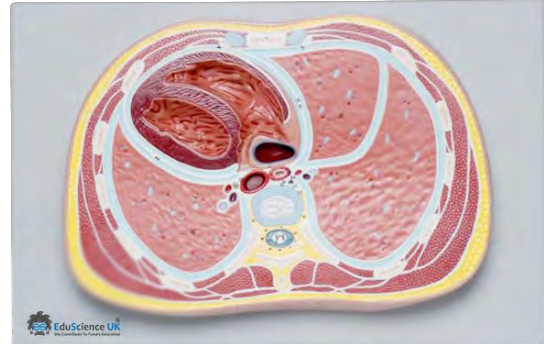
This life size model shows a cross sectional view through the thorax at the level of the v. In this model it is possible to observe the horizontally sectioned heart, lungs, veins, arteries and other thoracic structures.

Mounted On Base.

Dimensions : 34*24*13 cm.

Weight: approx. 3000 g

ESB00000



Schematic Cross Section Through Abdomen

This life size model shows a typical cross sectional view through the abdomen at the level of the

T12 vertebra. The stomach, liver, kidney, spleen and other abdominal structures are sectioned horizontally.

Mounted On Base.

Dimensions : 33*23*6 cm.

Weight: approx. 1350 g

ESB00000

Anatomy of The Neck

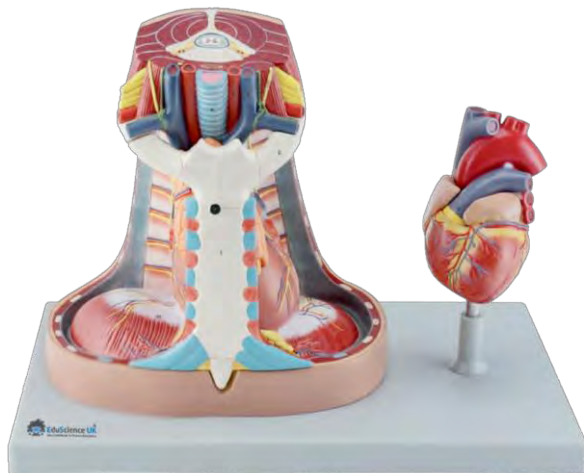
This life size model is a ventral view of the human neck, showing excellent details of the main muscles, vascular structures, nerves and glands.

Mounted on Base with stand.

Dimensions : 33*23*11 cm

Weight: approx. 600 g

ESB51203



Mediastinum Model

This life-sized model comprises five parts, featuring a two-part heart that offers an internal perspective of the chambers and valves. The sternum and thymus can be removed to expose the pericardial sac and the primary pulmonary and systemic vessels. Additionally, the trachea and esophagus are depicted entering the mediastinum through the superior thoracic aperture, while the inferior thoracic aperture is outlined by the diaphragmatic musculature.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions: 39.5*26*30.5 cm

Weight: 2800 g

ESB51088





Muscular figure,21cm

This mini model accurately depicts the topography of the human superficial musculature.

Dimensions : 13*8*23 cm,
Weight : 350 g

ESB51615



**Muscle Figure
50 Cm Height Model**

This 1/4 life-size model is a useful tool to study human superficial musculature.

Dimensions : 25*20*53 cm,
Weight : 1500 g

ESB51070



Muscular Figure,25cm

This mini model accurately depicts the topography of the human superficial musculature.

Dimensions : 12*6,5*25 cm
Weight : 40 g

ESB51616

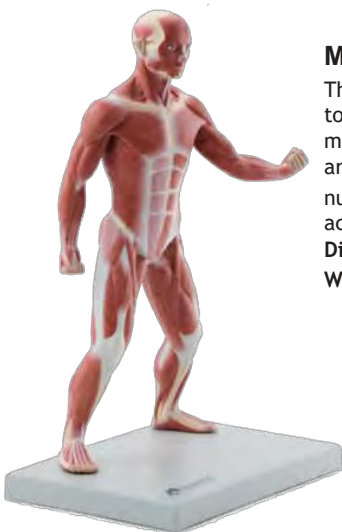


**Numbered Muscular
Figure**

1 Part,50cm

This reduced size model accurately depicts the topography of the human superficial musculature. Detailed parts are numbered and with a manual.

ESB51070N



Muscular Figure,40cm

This 1/4 life-size model is a useful tool to study human superficial musculature. Significant structures are

numbered and referenced on the accompanying manual.

Dimensions : 25.5*19*40.5 cm
Weight : 700 g

ESB51617

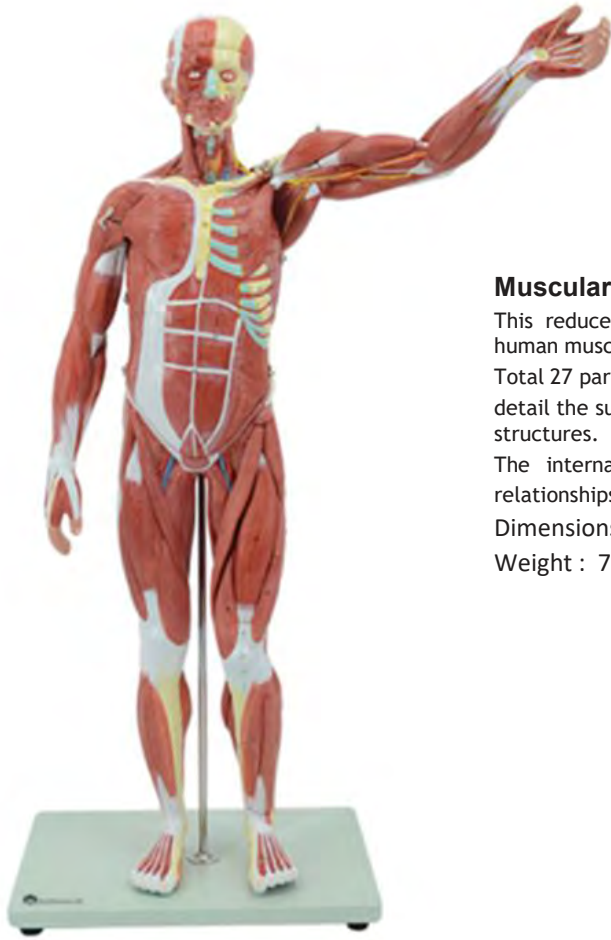


**Colored Muscular
Figure,1 Part,50cm**

This colored reduced size model accurately depicts the topography of the human superficial musculature.

ESB51618





Muscular Figure, 27 Parts, 78cm

This reduced size high quality model represents a replica of the complete human muscular and organs anatomy.

Total 27 parts. It illustrates with excellent detail the superficial and deeper muscles, tendons, ligaments, vessels and body structures.

The internal organs are removable for closer examination to study the relationships among all the body structures.

Dimensions : 82*27*18 cm

Weight : 7000 g

ESB51619

Muscular Figure, 30 Parts, 85cm

This 1/2 life size high quality model ; represents a replica of the complete human ; muscular and organs anatomy.

It illustrates with excellent detail the superficial and deeper muscles, tendons, ligaments, vessels and body structures. the internal organs are removable for closer examination to study the relationships among all the body structures.

Dimensions : 36*26*88.5 cm

Weight : 5000 g

ESB51620





Muscular Figure 140cm Height -32 Parts

This 32 part -model is about 140cm tall and includes a 6-part muscular arm and an 8-part muscular leg. Removable parts include also skullcap, brain (cut along the longitudinal fissure and showing internal structures and blood vessels is removable), 140cm Height Muscular Figure

,32Parts halves of both lungs showing the bronchial tree and vascular system, 2-part heart clearly representing atria, ventricles, valves and section of heart wall, liver with gallbladder, stomach dissected in 2 parts, duodenum with pancreas and spleen, large intestine. Significant features are numbered and referenced on the accompanying manual.

Dimensions : 145*50*40 cm

Weight : 12000 g

ESB51621



170cm Height Muscular Figure

being developed, finished model should be prepared in the beginning of 2024.

ESB51622





Muscles Of Human Arm Model

This 7-part life size model shows, in great detail, the anatomical structure of the arm, complete with superficial and deeper muscles, vascular structures, nerves and ligaments. The hand and the shoulder are also well represented. The following parts are removable: - Deltoid muscle - Biceps muscle - Triceps muscle - Long palmar muscle with radial flexor muscle of wrist - Brachioradial muscle with radial extensor muscle of wrist - Palmar aponeurosis,
Dimensions : 72*32*24 cm,
Weight : 4700 g

ESB51071



Muscles Of The Hand Model 4-Parts

This life size model is composed of 4 parts. The palmar aponeurosis and the palmaris brevis can be removed to reveal the underlying network of muscles, tendons, vessels and nerves. A deeper palmar dissection allows observation of the palmaris longus tendon, the palmar carpal ligament and the median nerve. Part of the thenar muscles can be removed to expose the superficial palmar branch of the radial artery. A superficial dorsal dissection shows ligaments, nerves and vessels.
Dimensions : 39.5*25.5*8.5 cm,
Weight : 1900 g

ESB51077

Anatomy Of The Hand Model 3-Parts

This 3-part model, enlarged 2X life size, shows the anatomy of the hand, including muscles, nerves, ligaments, vessels and bone structures. Aponeurosis is removable for closer examination.
Dimensions : 28*38*40 cm,
Weight : 965 g

ESB51074

NEW



Human Muscles of Arm Model

This model illustrates the muscles of the arm in the relaxed and contracted states. Muscles and tendons are shown in great detail.
Dimensions : 53*38*9.5 cm,
Weight : 700 g

ESB51290



Muscles Of The Hand Model 7-Parts

This life-size model shows the anatomy of the hand with great accuracy and detail; the superficial layers can be removed at different levels to expose the inner structures. Muscles, blood vessels, nerves, tendons, ligaments and bones are well represented.
Dimensions :13*11*33 cm
Weight: 330 g

ESB51074/7



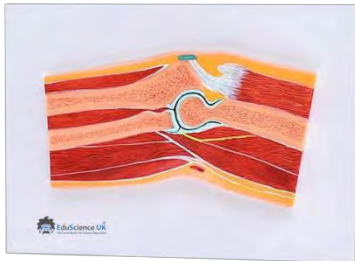


Section Muscles Of Human Arm Model

The model is based on the body joints of the human body. The real joint MRI cut surface is designed for reference. It shows the structural relationship of bones, muscles, nerves and blood vessels in the joints of the human body.

Imported PVC material, imported paint, computer color matching, advanced hand painting

Dimensions : 26*32*4 cm



ESB51291

Section Of Foot Model

The structure, bone, muscle, blood vessels and other structural relationships at the joints of the human foot are detailed. Suitable for hospitals, medical schools, anatomical studies, teaching demonstrations, doctor-patient communication, etc. For patient education and anatomical study. Great for school teaching tool, learning display, and collectibles, also will be a great addition to your lab supplies Made of high quality PVC material for durability.

Dimensions : 26*32*4 cm

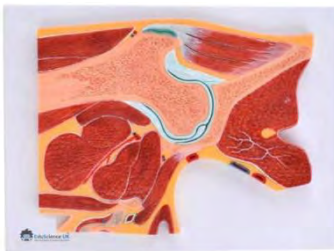


ESB51292

Elbow Joint Section Structure Model

This model is widely used in orthopedics, surgery, clinical teaching, occupational disease prevention, ergonomics, physical education, etc., with good auxiliary teaching and demonstration. Different colors are used to distinguish different positions, and the colors are bright and easy to attract students' attention, so you can do teaching demonstration, which promotes students' understanding and increases classroom fun. The texture is particularly clear, the mold is the injection molding precision mold, the anatomical logo is very standard. Therefore, you can be effective practice training, it is the best tool for your learning. Enough The model Made in 1:1 ratio, showing the structural relationships of bones, muscles, nerves, blood vessels, etc. A rare aid tool for your in-depth research and study. It made of food-grade PVC environmentally friendly materials

Dimensions : , 26*32*4 cm



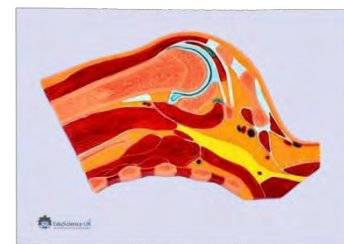
ESB51296

Section Of Knee Model

This model is based on the equal ratio of the knee joint of the human body, and the actual IRM section of the articulation is used as a reference for the profile design. Made in ecological PVC, hand painted, excellent finish. The model is hand painted with artisanal know-how. It shows in detail the structural relations between bones, muscles, nerves and blood vessels in the human knee articulation, with corresponding text descriptions, which is for medical education and medical communication. patient. This is a rare practical anatomical model in the teaching of surgical medicine and an ideal model for school education. Ideal for school education tools, learning displays and collectibles, it will also be an excellent addition to your laboratory supplies.

Dimensions : 26*32*4 cm

ESB51293



Section Of Hip

This model is widely used in orthopedics, surgery, clinical teaching, occupational disease prevention, ergonomics, physical education, etc., with good auxiliary teaching and demonstration. Different colors are used to distinguish different positions, and the colors are bright and easy to attract students' attention, so you can do teaching demonstration, which promotes students' understanding and increases classroom fun. It made of food-grade PVC environmentally friendly materials, Enough The model Made in 1:1 ratio, showing the structural relationships of bones, muscles, nerves, blood vessels, etc. A rare aid tool for your in-depth research and study.

Dimensions : 26*32*4 cm

ESB51295

Section of Shoulder Model

This model is based on the equal ratio of the human body shoulder articulation, and the actual MRI section of the articulation is used as a reference for the design of the profile. It shows in detail the structural relations between bones, muscles, nerves and blood vessels in the human shoulder articulation, with corresponding text descriptions, which is practical for medical education and communication doctor patient. Made in ecological PVC, hand painted, excellent finish. This is a rare practical anatomical model in the teaching of surgical medicine and an ideal model for school education. Ideal for school education tools, learning displays and collectibles, it will also be an excellent addition to your laboratory supplies.

Dimensions : 26*32*4 cm

ESB51294





Muscles of the Human Leg, 23 Parts

This life-size model, detachable into 23 parts, is an important support for understanding the complete anatomy of the human leg. The superficial and deeper musculature, represented with great accuracy and detail, maximus - Soleus - Gastrocnemius can be removed for closer examination. The model, also showing:

- Sartorius
- Ligaments
- Nerves
- Artery

Dimensions : 110*28*29cm
Weight : 11000g



ESB51072



Muscles Of Human Leg Model 13 Parts

This 13-part model shows, in great detail, the anatomical structure of the leg, complete with superficial and deeper muscles, vascular structures, nerves and ligaments. The following parts are removable:

- Sartorius
- Long head of biceps
- Gluteus
- Maximus
- Soleus
- Gastrocnemius
- Gracilis
- Semitendinosus
- and Semimembranosus
- Rectus femoris
- Extensor digitorum longus
- Sole of foot - tensor fasciae latae

Dimensions : 88cm
Weight : 4700g



ESB51072



Anatomy Of The Foot Model , 9-Parts

This 9-part model shows significant structures of the foot such as muscles, nerves, vessels and ligaments.

Dimensions : 23*8*12cm
Weight : 600g

ESB51076



NEW



This Life Size Model is Composed Of 3 Parts.

The plantar aponeurosis and the flexor brevis can be removed to show the underlying network of muscles, tendons, vessels and nerves. A deeper plantar dissection allows observation of the plantar muscles and plantar nerve branches. A superficial dorsal dissection shows ligaments, nerves and vessels.

Dimensions : 23*8*12cm
Weight : 650g

ESB51076/3





NEW

Anatomy Of The Foot,1 Parts

This life size model represents a superficial dissection of the foot with the primary muscles and ligaments.

Dimensions : 23*8*12 cm
Weight : 420 g

ESB51229



NEW

Section Of Foot

This life size model shows a human foot sectioned along the sagittal plane.

Dimensions : 23*8*12 cm
Weight : 450 g

ESB51228



Normal and Abnormal Feet, set of 3

3 life size models representing

- Normal feet
- Flat and feet
- Arched feet.

Dimensions : 21*14.5*31.5 cm
Weight : 420 g

ESB51232



Arched Foot

This is life size arched foot model.

ESB51233



Flat Foot

This is life size flat foot model.

ESB51234



Normal Foot

This is life size norm foot model.

ESB51235





Human Torso Mini Dual Sex- 16 Parts 45 cm

Torso Mini Dual Sex This half life size torso is an excellent tool in basic anatomy teaching. Composed of 16 parts, as follows:

- Head (2 parts) showing a section of the brain and the upper respiratory tract
- Half of the brain, showing internal structures
- 2 lungs
- Heart (2 parts) showing the atria, ventricles and valves
- Liver with gallbladder
- Stomach
- Single piece, including small intestine, large intestine and pancreas
- Removable cover that expose interior of caecum
- Male reproductive organs (2 parts)
- Female reproductive organs (2 parts).
- Dimensions : 43.5*19*11cm
- Weight : 2200g

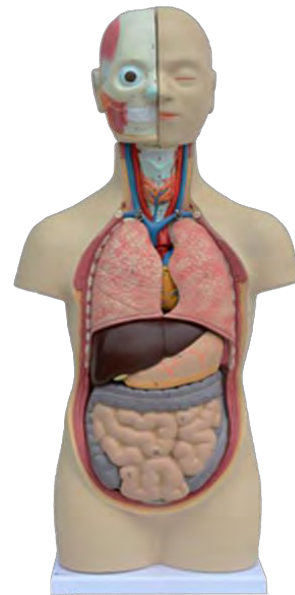
ESB51080

Human Torso Model Sexless 12 Parts 50cm

This half life size torso is an excellent tool in basic anatomy teaching. Composed of 12 parts, as follows:

- Head (2 parts)(Right head shows the muscles and bone) showing a section of the brain and the upper respiratory tract .
- Half of the brain, showing internal structures;
- 2 lungs ;
- Heart (2 parts) showing the atria, Ventricles and valves ;
- Liver with gallbladder;
- Stomach; single piece, including small intestine, large intestine and pancreas
- Dimensions : cm
- Weight : g

ESB51629



Human Mini Torso Model ,50cm 12 Parts

Human Mini Torso Model ,50cm Height This half life size torso is an excellent tool in basic anatomy teaching. Composed of 12 parts, as follows:

- Head (2 parts) showing a section of the brain and the upper respiratory tract
- Half of the brain, showing internal structures
- 2 lungs
- Heart (2 parts) showing the atria, ventricles and valves
- Liver with gallbladder
- Stomach
- Single piece, including small intestine, large intestine and pancreas
- Removable cover that expose interior of caecum.
- Dimensions : 52*25*13cm
- Weight : 3000g

ESB51079



Human Torso Model Sexless 12 Parts

85 cm

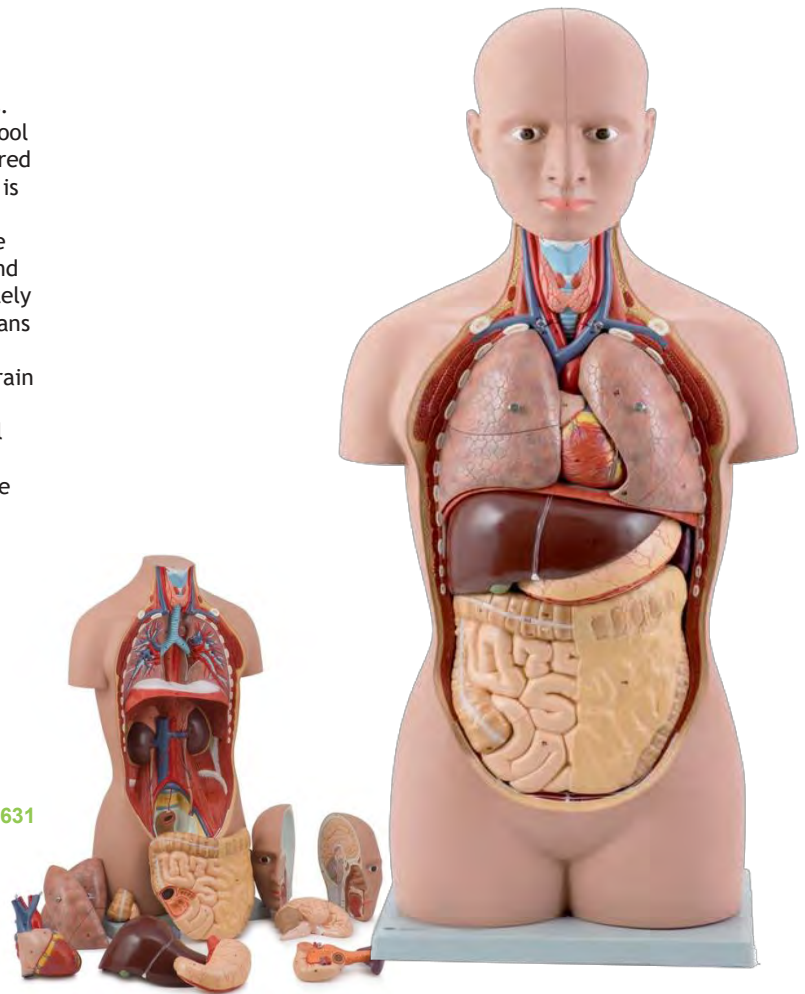
life-size sexless Human Torso is dissectible into 12 parts. Made with accurate in all of its detailing, it is a useful tool to show the human anatomy , the structures are numbered and identified on the accompanying key card. The head is removable and divided into 2 parts, Showing the inner structure of the brain. The neck is dissected through the ventral surface to show muscular, glandular, vascular and neural structures. The thorax and abdomen are completely open, providing an unrestricted view of the internal organs and structures. the 12 Parts are as follow :

- Head, divided into 2 parts, showing a section of the brain and the upper respiratory tract
- 1 Part Half of the brain, divided along the longitudinal fissure to expose internal structures and vessels
- 2 Parts Right and left lungs, showing the bronchial tree and vasculature
- 1 Part Heart
- 1 Part Liver with gallbladder
- 2 Parts Stomach
- 1 Part Pancreas, duodenum and spleen with vessels and ducts
- 2 Parts : Small and large intestine with removable window in caecal region
- 1 Part Hall Body

Dimensions : 89*41*23 cm

Weight : 10300g

ESB51631



Torso Sexless Open Back -13 Parts

This sexless life size torso is composed of 13 parts. Accurate in all of 85cm Torso Model asexual 13 Parts

This popular school torso is supplied with the following removable parts:

- 3-part head
- 2 lungs
- 2-part heart
- 2-part Stomach
- Liver with gall bladder
- 1-part intestinal tract
- Front half of kidney
- available in Africa skin color
- Numbered with keycard

Dimensions : 41*23*70 cm

Weight : 9200g

ESB51082SP





Human Torso Model Sexless 16 Parts 85 cm

This life size sexless torso, composed of 16 parts, is appropriate for any human anatomy course. All of the major organ systems are represented with great attention to accuracy and detail.

Structures are numbered and identified on the accompanying key.

- half of the brain, divided along the longitudinal fissure, showing internal structures and blood vessels
- eye with optic nerve and extraocular muscles
- descending thoracic aorta and esophagus
- right and left lungs showing the bronchial tree and vasculature
- 2-part heart showing the atria, ventricles, cardiac valves and section through the ventricular heart wall
- half of one kidney, sectioned along the frontal plane to show the internal structure and vessels
- kidney, urethra and urinary bladder with prostate (removable in 2 parts)
- stomach, showing muscular and vascular structures
- pancreas, duodenum and spleen with vessels and ducts
- liver
- small and large
- intestine with removable cover over portion of caecum

Dimensions : 89*41*23cm

Weight : 9235g

ESB51636

Torso Sexless Open Back -17 Parts

This sexless life size torso is composed of 17 parts. Accurate in all of its detailing, this model is appropriate for use in any human anatomy classroom. Anatomical structures of the major body systems are numbered and identified on the accompanying key. The head is sectioned to expose one half of the brain. The neck is dissected through the central surface to show muscular, glandular, vascular and neural structures. The thorax and abdomen are completely open to afford an unrestricted view of internal organs and associated structures. The back is dissected revealing the muscular layers, vertebral column, spinal cord and nerve branches. One thoracic vertebra is removable for detailed examination of its structure and association with spinal cord.

Removable parts include the following:

Half of the brain, divided along the longitudinal fissure to show internal structure and blood vessels
Eye with optic nerve and extraocular muscles

Right and left lungs showing the bronchial tree and vasculature
Descending thoracic aorta and oesophagus

2-part heart showing the atria, ventricles, cardiac valves and section through the ventricular heart wall
Half of one kidney, sectioned along the frontal plain to show the internal structure and vessels

Kidney, urethra and urinary bladder with prostate (removable in two parts)
Stomach showing muscular and vascular structures

Pancreas, duodenum and spleen with vessels and ducts
Liver

Small and large intestine with removable cover over portion of caecum
12th thoracic vertebrae with spinal cord.

Dimensions : 41*23*70 cm

Weight : 9200g

ESB51082



Human Torso Model Sexless 18 Parts 85 cm

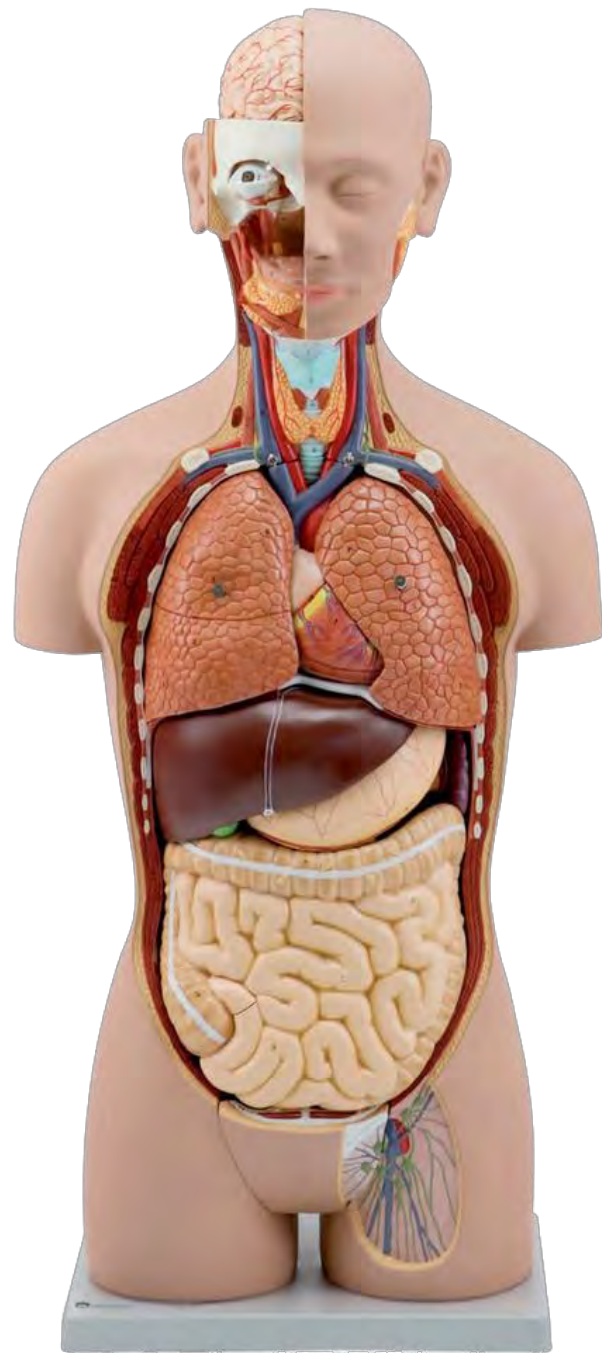
This life size torso is composed of 18 parts, providing a realistic and detailed reproduction of the internal organs. The head is sectioned to expose one half of the brain. The neck is dissected through the ventral surface to show muscular, glandular, vascular and neural structures. The thorax and abdomen are completely open to afford an unrestricted view of internal organs and associated structures. Anatomical structures of the major body systems are numbered and identified on the accompanying manual.

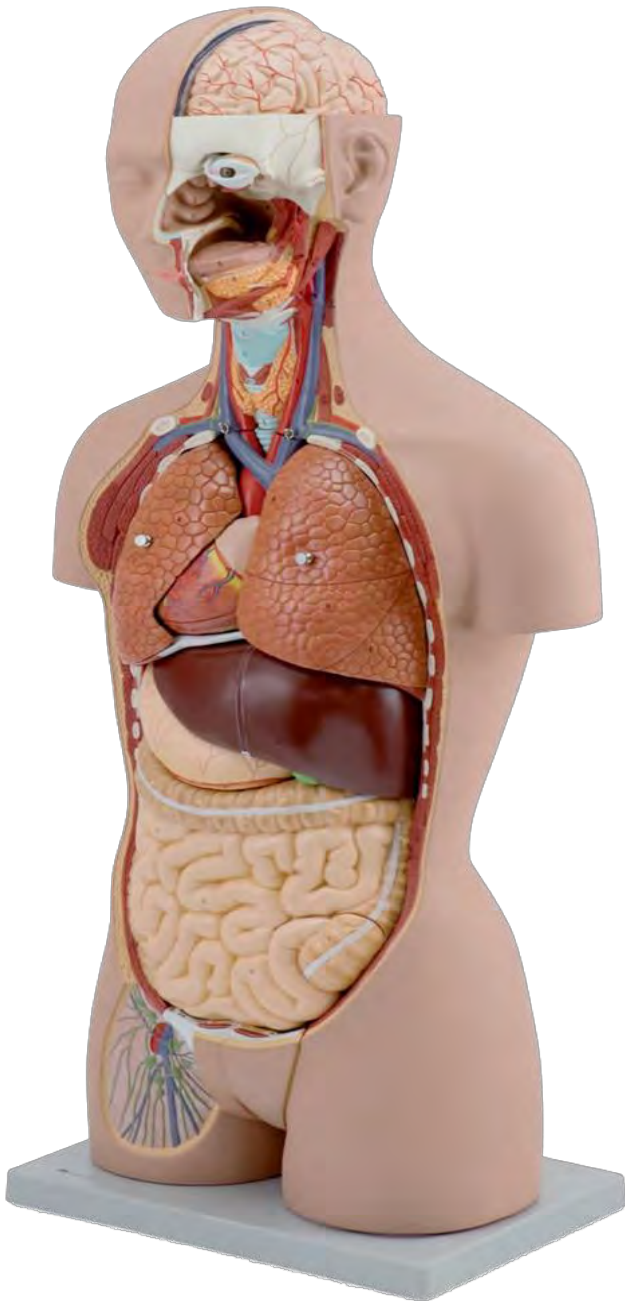
- Half of the brain, divided along the longitudinal fissure to expose internal structures and blood vessels
- Eye with optic nerve and extraocular muscles
- Trachea
- Descending thoracic aorta and esophagus
- right and left lungs (2 parts each), showing the bronchial tree and vasculature
- liver with gallbladder
- half of one kidney, sectioned along the frontal plane to show the internal structure and vessels
- 2-part heart showing the atria, ventricles, cardiac valves and section through the ventricular heart wall
- stomach
- pancreas, duodenum and spleen with vessels and ducts
- small and large intestine with removable window in caecal region
- removable cover in the groin area

Dimensions : 89*41*23 cm

Weight : 9300g

ESB51637





85cm Dual-Sex Torso, 25 Parts

This life size closed back torso is composed of 25 parts that feature the most realistic reproductions of anatomical structures in their most intimate detail.

The head is sectioned to expose half the brain. In addition, the neck is dissected to expose muscular, neural, vascular and glandular structures.

The thorax and abdomen are completely open, providing an unrestricted view of all internal features. Significant structures are numbered and referenced on the accompanying key.

- Separate male and female urogenital systems fit interchangeably into the main portion of the torso. Half of the brain, divided along the longitudinal fissure, showing internal structures and blood vessels
- Eye with optic nerve and extraocular muscles
- Descending thoracic aorta and esophagus
- Trachea
- Right and left lungs (2 parts each), showing the bronchial tree and vasculature
- Liver with gallbladder
- Half of one kidney sectioned along the frontal plane, showing the internal features and vessels
- 2-part heart with excellent depiction of atria, ventricles, valves and muscular heart wall
- Stomach
- Pancreas, duodenum and spleen with vessels and ducts
- Small and large intestines with removable cover over portion of caecum
- Male and female urogenital systems (4 parts each) sectioned medially with excellent views of internal structures

Dimensions : 89.5*41*23cm

Weight : 10400g

ESB51641

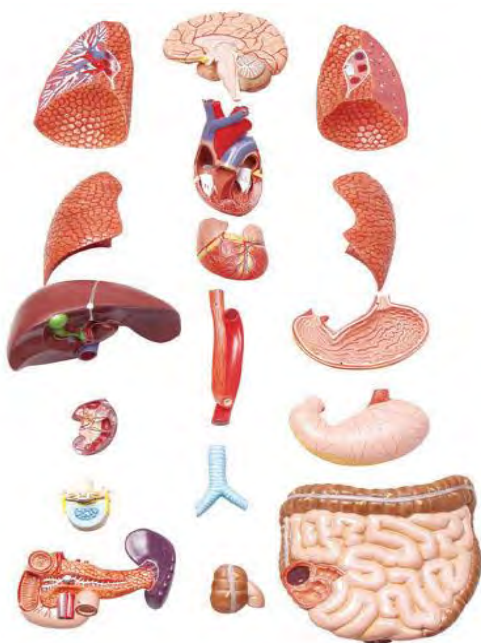
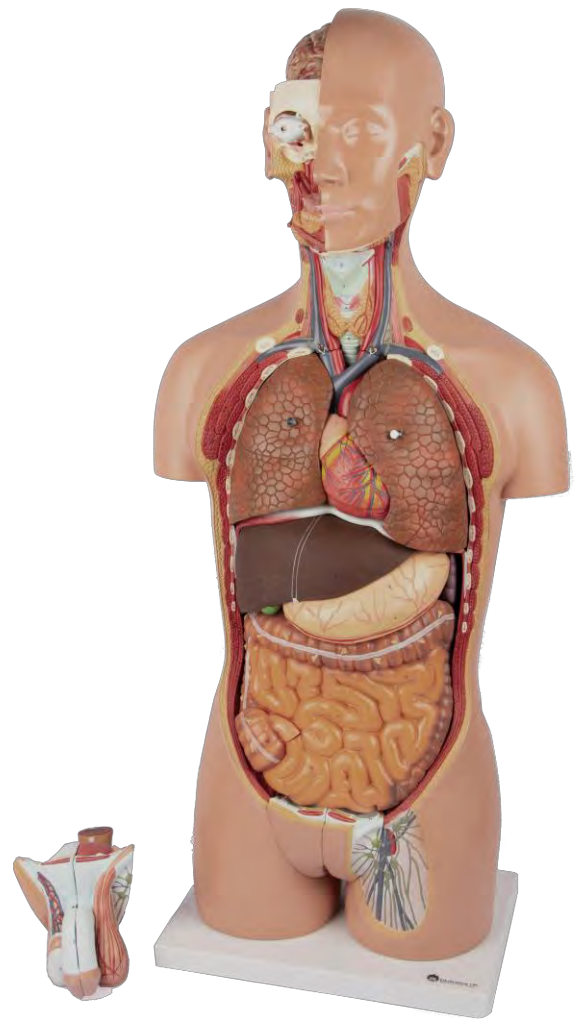


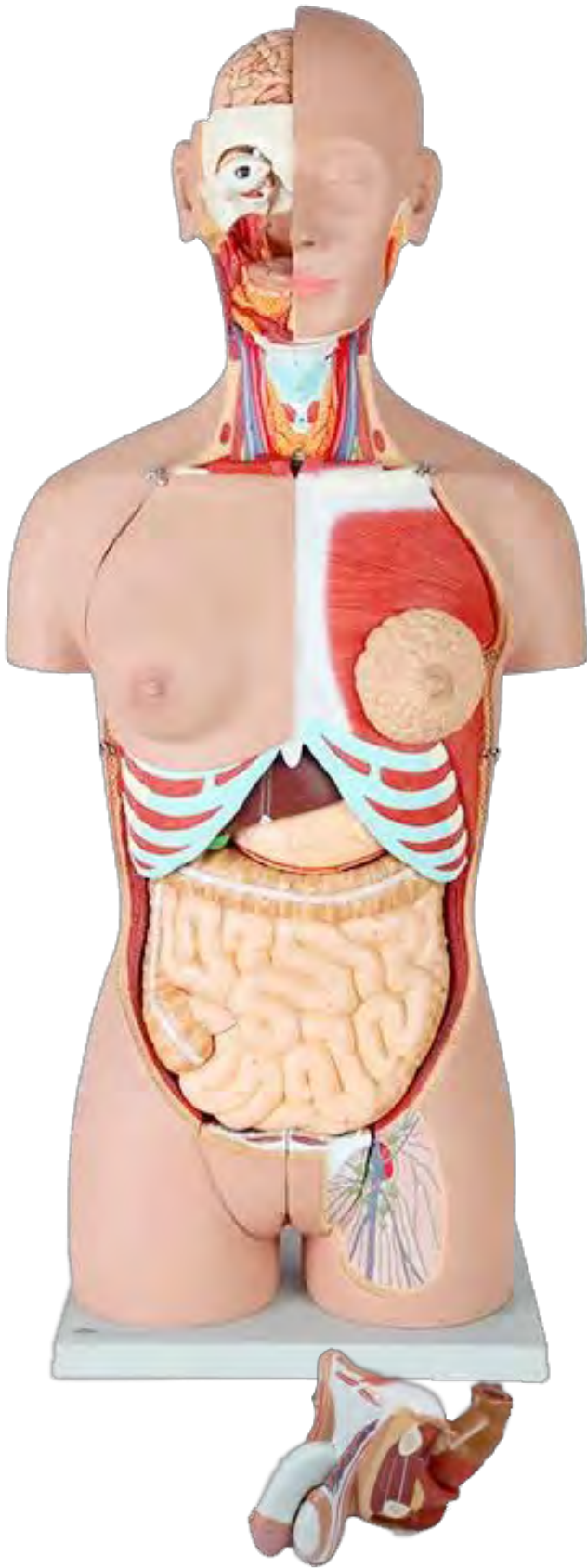
Human Dual Sex Exchangeable Deluxe Torso ,Open Back,27 Parts

This life size torso with open back is composed of 27 parts and provides an exceptionally realistic reproduction of anatomical structures in their finest detail. All of the body systems are represented with full accessibility. This model is without question a valuable addition to any biology or anatomy course. The open back exposes muscular layers as well as the vertebral column and associated nerve branches. A thoracic vertebra, including a section of spinal cord, is removable for dose examination of its anatomical details. The head is open and the brain is fully exposed on one side. The neck is dissected to expose muscular, neural, vascular and glandular structures. Significant structures are numbered and referenced on the accompanying key. The dissectable male and female urogenital systems are interchangeable.

- Removable structures include the following:
- Eye with optic nerve and extraocular muscles
- Half of the brain, divided along the longitudinal fissure, showing internal structures and blood vessels
- Trachea
- Descending thoracic aorta and oesophagus
- Right and left lungs (2 parts each), showing the bronchial tree and vasculature
- Liver with gallbladder
- Half of one kidney sectioned along the frontal plane, showing the internal structure and vessels
- 2-part heart with clear depiction of atria, ventricle, valves and section of heart wall
- Stomach dissected in 2 parts
- Pancreas, duodenum and spleen with vessels and ducts
- Small and large intestines with removable cover portion of caecum
- Male and female urogenital system (4 parts each) sectioned medially with excellent views of internal structures
- Thoracic vertebra with spinal cord

ESB51081





Human Dual-Sex Torso, 28 Parts, 85cm Open Back

This life size torso with open back is composed of 28 parts and provides an exceptionally realistic reproduction of anatomical structures in their finest detail.

All of the body systems are represented with full accessibility.

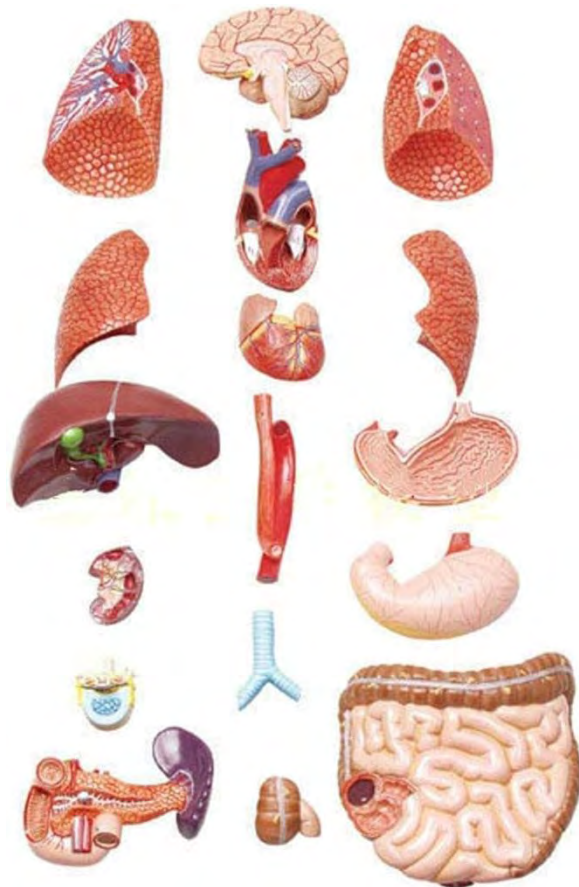
A thoracic vertebra, including a section of spinal cord, is removable for close examination of its anatomical details.

The head is open and the brain is fully exposed on one side.

The neck is dissected to expose muscular, neural, vascular and glandular structures. Significant features are numbered and referenced on the accompanying manual.

The dissectible male and female urogenital systems are interchangeable.

ESB51638



Human Dual-Sex Muscular Torso, 28 Parts, 85cm Open Back

This life size torso with open back is composed of 28 parts and provides an exceptionally realistic reproduction of anatomical structures in their finest detail.

All of the body systems are represented with full accessibility.

The left side exposes all significant superficial and deeper muscles with vessels and bones.

The open back shows muscular layers as well as the vertebral column and associated nerve branches.

A thoracic vertebra, including a section of spinal cord, is removable for close examination of its anatomical details.

The head is open and the brain is fully exposed on one side.

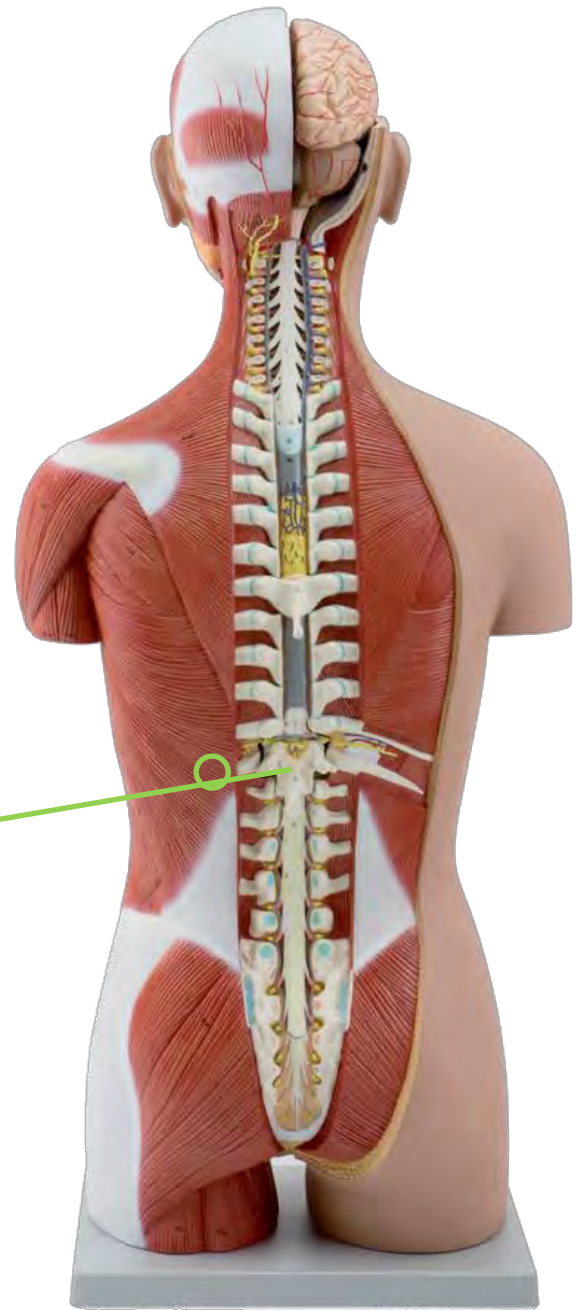
The neck is dissected to expose muscular, neural, vascular and glandular structures. Significant features are numbered and referenced on the accompanying manual.

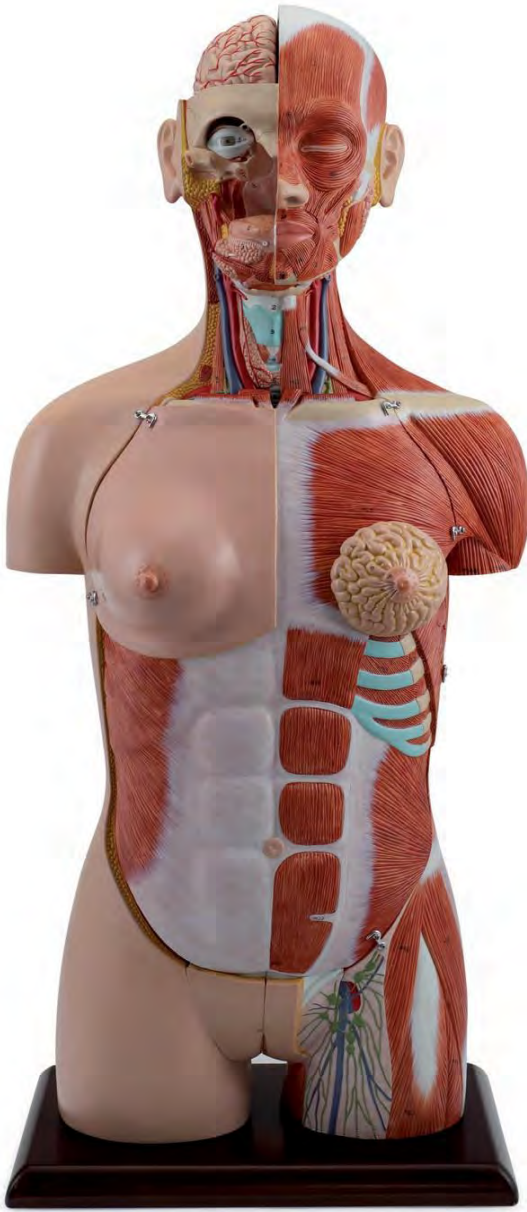
The dissectible male and female urogenital systems are interchangeable.

Dimensions : 89*41*23cm

Weight : 10500g

ESB51639





Dual-Sex Muscular Torso, 28 Parts, Open Back 85cm

Life size, it is composed of 28 parts and all body systems are represented and easily accessible. The left side exposes all significant superficial and deep muscles with vessels and bones. The open back shows muscular layers as well as the vertebral column and associated nerve branches.

A thoracic vertebra, including a section of spinal cord, is removable for close examination of its anatomical details.

The head is open and the brain is fully exposed on one side.

The neck is dissected to expose muscular, neural, vascular and glandular structures. Significant features are numbered and referenced on the accompanying manual.

The dissectible male and female urogenital systems are interchangeable.

Dimensions : 89*41*3 cm

Weight : 5000 g

ESB51640



NEW**Human Torso Disc Model**

This life-size torso model is sliced horizontally into 24 pieces, giving an idea of how computer tomography and magnetic resonance work. Each slice can be rotated and removed for closer examination of its anatomical detail, which is reproduced with great accuracy.

All structures including muscles, nerves are numbered and identified on the accompanying manual.

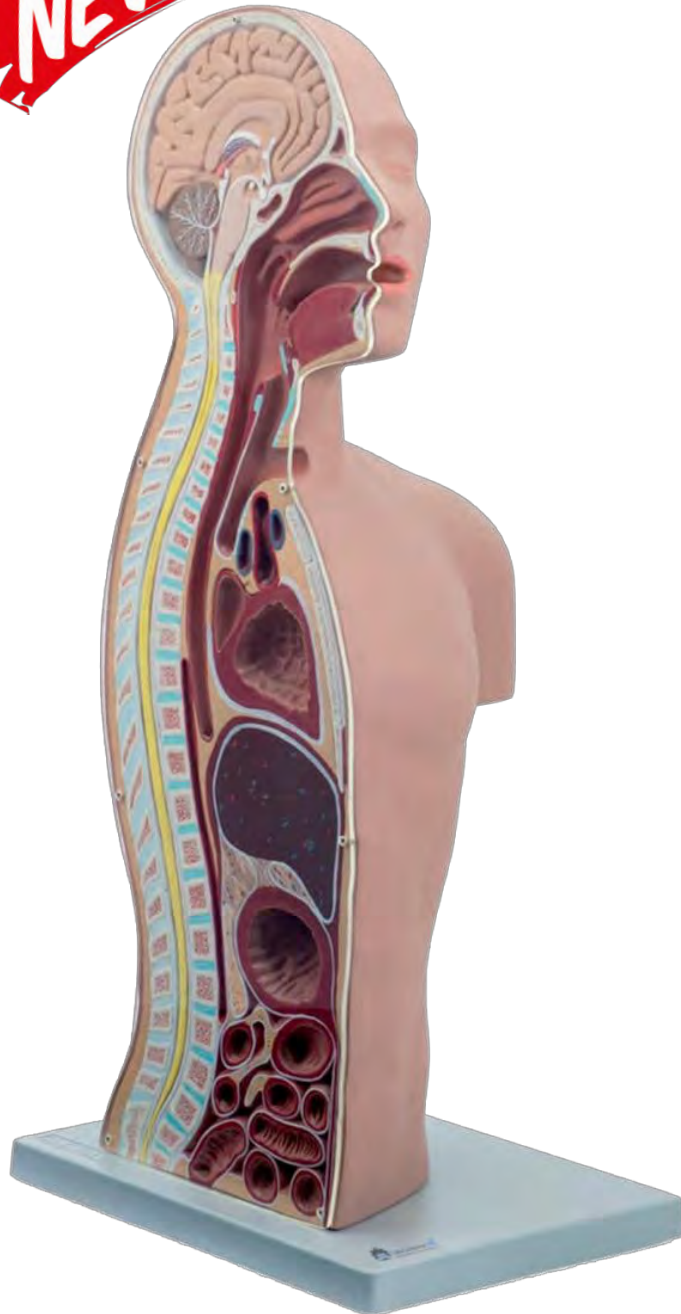
The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 17*15*18 cm,

Weight : 1000 g,

ESB51626





Nasogastric & Tracheostomy Model Life Size Torso

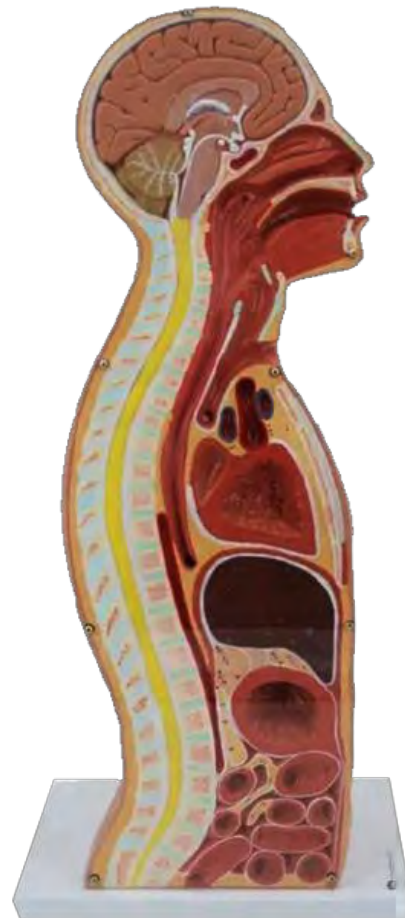
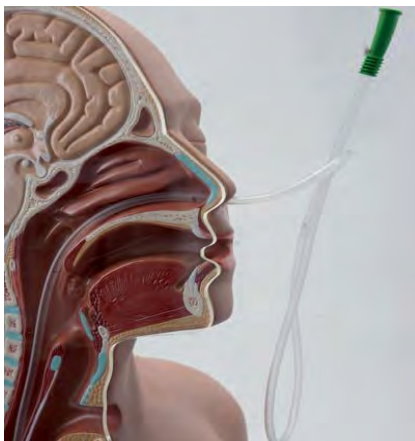
The N(aso) G(astric) & Tracheostomy Teaching Torso is a 3-dimensional, 2-sided hand-painted torso. One side, covered with a transparent lid, shows the sagittal section including the nose, mouth, pharynx, trachea, esophagus, lungs and stomach. The other side depicts the anatomically correct view of a human torso for teaching the proper method of measuring the NG tube's length. Torso also features a tracheostomy to demonstrate a variety of care techniques.

For realistic practice of the following procedures: NG tube insertion, irrigation, monitoring and removal Gastric lavage and gavage Tracheostomy care and suctioning. The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 92*42*30 cm

Weight : 6000 g

ESB51627





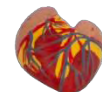
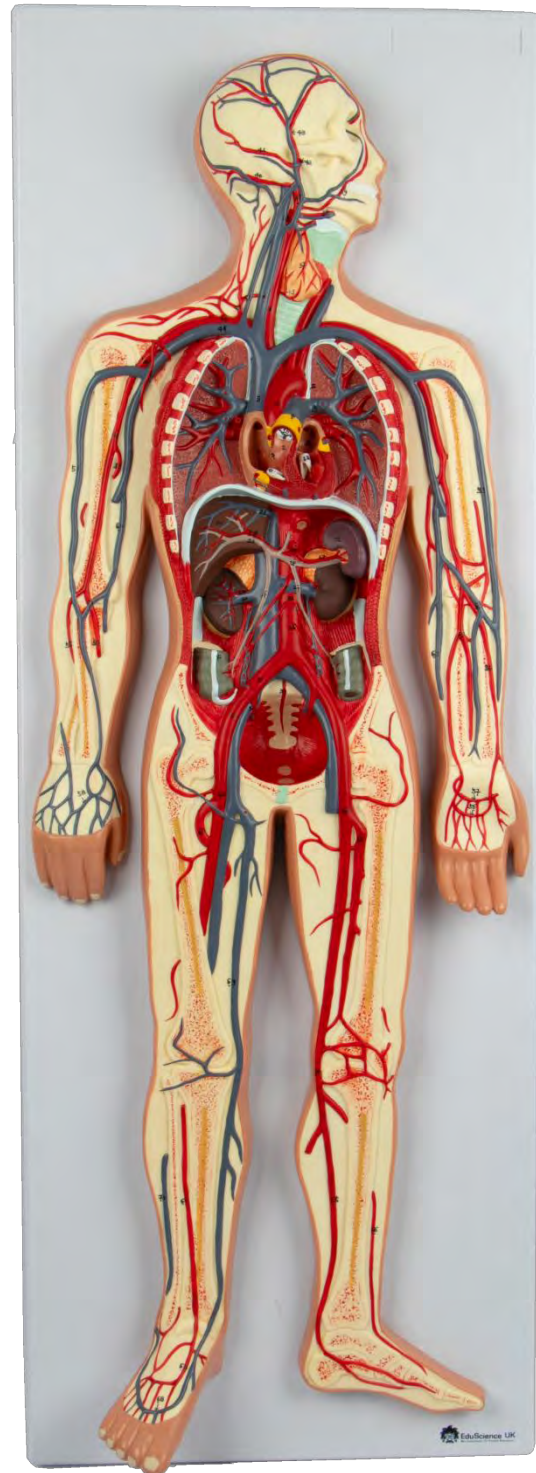
Autonomic Nerves System

This model shows the outlook of automatic nervous system, including sympathetic nervous system and parasympathetic nervous system.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 75*35*15 cm
Weight: 4000 g

ESB51212



Human Circulatory System Model - 2 Parts

The model represents a general view of the human circulation. It includes the heart (2 parts), lungs, liver, spleen, kidneys and relevant connections with the pulmonary and systematic circulatory pathways.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 93*33*14 cm
Weight : 5000 g

ESB51083

Nervouse System Model

This 1/2 life-size relief model shows a general view of the peripheral and central human nervous system: the head is open to reveal the brain and the cerebellum; the pathway of the main nerves is well illustrated in relation to the skeleton.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 89*29*1 cm
Weight : 5000 g

ESB51143



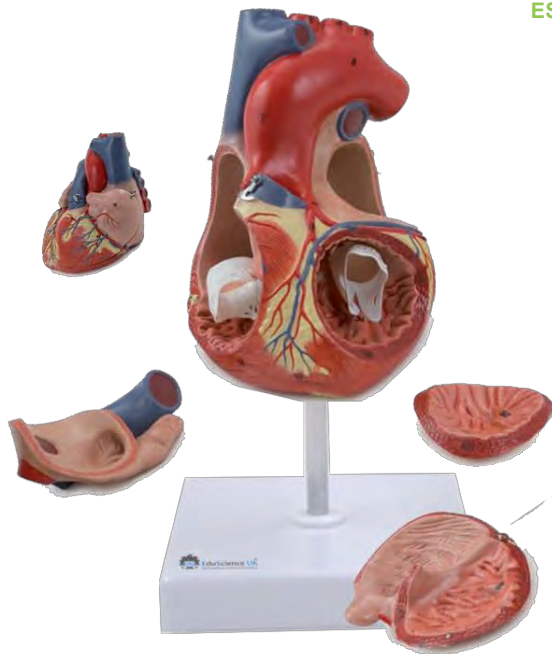
**Heart Model,Life Size**

This life size model shows the compensatory hypertrophy heart disease. This pathology is characterized by the myocardium thickening of the muscular fibres of the left ventricle. Hypertrophy heart disease is the complication of a chronic hypertension. The model is divided in 2 parts and mounted on base with stand.

Size : 26*11*12cm

Net weight : 380g

ESB51084

**Heart Model,2 Times Enlarged**

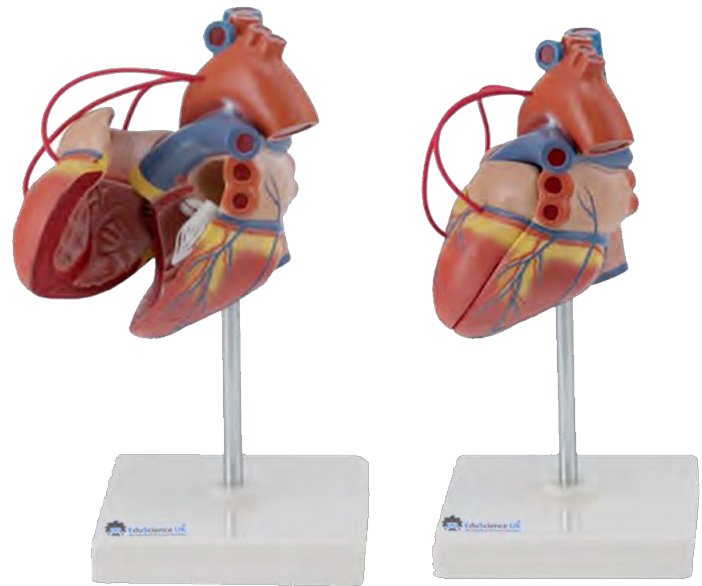
This model, magnified to twice its life size, provides an in-depth depiction of all the primary structures of the human heart with exceptional detail. The right portion is detachable, allowing for a clear view of the inner chambers and valves. Furthermore, the wall of the left auricle and ventricle can be removed, revealing the atrium, the mitral valve, the ventricle, and the papillary muscles.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 17*15*18cm,

Weight : 1000g,

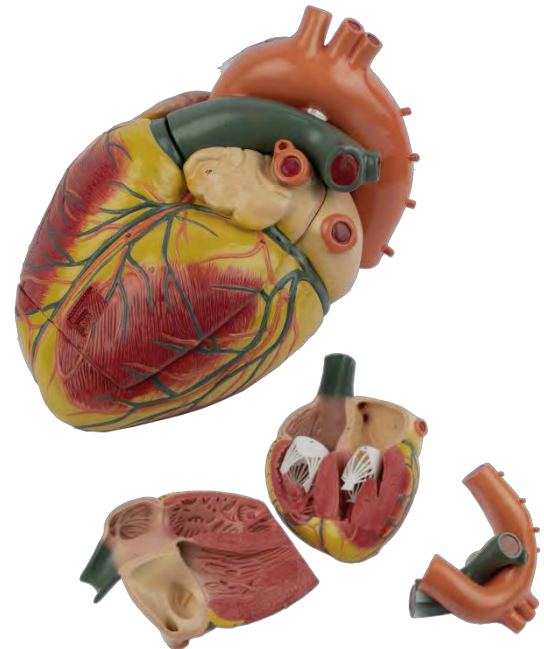
ESB51086

**Heart Pass Model,Life Size**

This life-size two-part model provides an extremely detailed illustration of the anatomy of the human heart with three coronary bypasses. The anterior wall can be detached to expose the inner chamber and valves. **Size :** 26*11*12cm

Net weight : 380g

ESB51085

**Heart Model Giant 3 Times Enlarged**

This life-sized model is sectioned along the anterior plane, revealing internal structures such as the cardiac valves and providing a comparative view of the morphology of the right and left ventricles. Additionally, the right atrium is removable, offering a closer examination of its features.

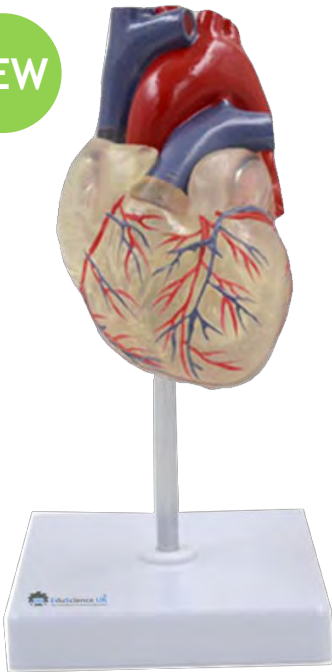
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 26*29*31cm

Weight : 3000g

ESB51087

NEW



Transparent Heart Model, Life Size

This life-sized transparent model offers a detailed view of the anatomy of the human heart. The front portion of the heart can be easily detached, enabling a closer inspection of its internal structures.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51084/T

NEW



Heart Model, With Thymus, Life Size

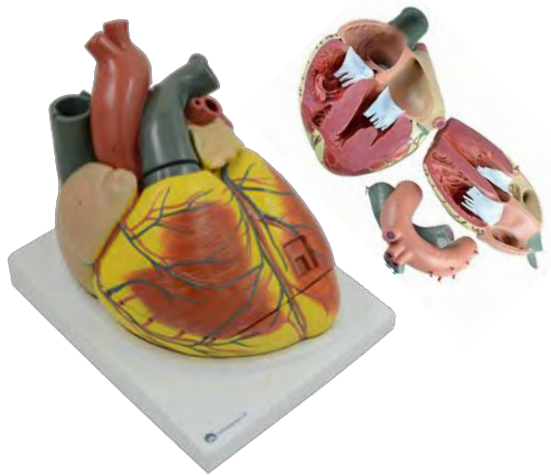
This life-sized heart model consists of three parts, revealing the intricate anatomy of the human heart in conjunction with the thymus gland. The thymus and the front portion of the heart can be detached, allowing for a detailed examination of internal structures such as the left and right atria, ventricles, valves, and papillary muscles.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*11*22cm

Weight : 250g

ESB51238



Heart, 3 Times Enlarged, With Base

Enlarged three times its life size, this model is sectioned along the anterior plane to showcase internal structures, notably the cardiac valves, and offer a comparative analysis of the morphology between the right and left ventricles. Additionally, the right atrium can be detached for further exploration. Enhanced with a base, this model provides stability for educational or display purposes.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 25*24*29cm

Weight: approx. 3520 g

ESB51087/B



Heart With Vessel

This is a life-size model of the normal human heart. The anterior heart wall can be removed for internal examination. Additionally, there are four staged vessels on the base.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*14*23cm

Weight : 450g

ESB51240





Structure Of Artery And Vein Model

This single-piece model provides crucial insight into differentiating between artery and vein histology. It meticulously showcases one artery and two veins, offering detailed representations. One vein is longitudinally sectioned, revealing both closed and open venous valves. Meanwhile, the artery and the right vein are cross-sectioned, facilitating the clear recognition of distinct layers such as tunica media, elastic membrane, and tunica adventitia. Enlarged to 20 times life size, The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 20*30*27 cm

Weight: 800 g

ESB51090



Blood Cell Model, 2000 Times Enlarged

This model, enlarged 2000 times, accurately depicts the different types of blood cells, encompassing red blood cells, white blood cells (such as lymphocytes, monocytes, neutrophils, eosinophils, and basophils), and blood platelets.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 55*39*8 cm

Net weight : 3300 g

ESB51089



Lung Demo Model

This simple, yet effective apparatus consists of two sacks which represent the lungs, a rubber membrane which serves as the diaphragm and a clear plastic enclosure which models the chest cavity. By making the diaphragm relax and contract the students can see how the lungs are emptied and filled with air.

ESB51096

NEW



Pulmonary Alveoli Model

This enlarged alveolus model showcases the alveolus, alveolar epithelium, alveolar sacs, alveolar ducts, and alveolar capillaries in detail.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51299

NEW

Lobuli Pulmonum Model

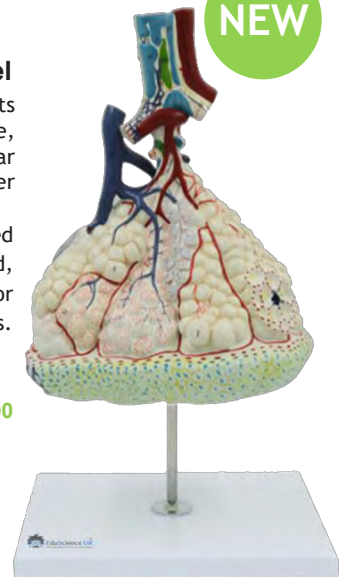
This magnified lobule exhibits the terminal bronchiole, respiratory bronchiole, alveolar epithelium, and other associated structures.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 23*18*40 cm

Weight : 1130 g

ESB51300



Larynx ,Heart And Lung Model

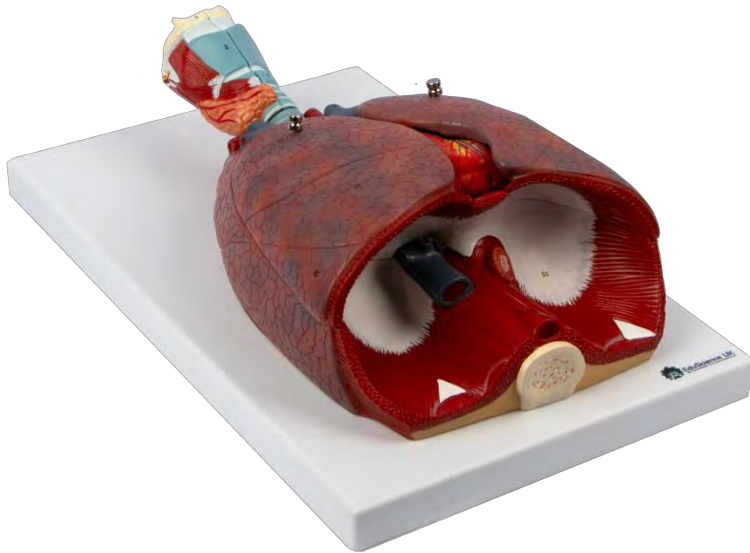
This life-sized replica of the human respiratory system is meticulously crafted, comprising seven parts for comprehensive understanding. It includes the larynx dissected along the sagittal plane, providing detailed insight. Additionally, the lungs are dissected along the frontal plane, allowing for thorough examination. Furthermore, a two-part heart is incorporated into the model, enhancing its educational value.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions :: 33*23*31 cm

Weight: 1200 g

ESB51092



Human Respiratory System With Magnified Alveolus

This relief model of the respiratory system offers a detailed representation, encompassing the oronasal cavity, larynx, trachea, primary bronchi, and bronchial tree. The upper respiratory tract is sectioned along the medial sagittal plane, providing a clear view. Additionally, an enlarged alveolus with blood vessels, approximately 150 times life size, is depicted with exceptional internal detail, enhancing understanding of respiratory anatomy.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions :55*39*5 cm

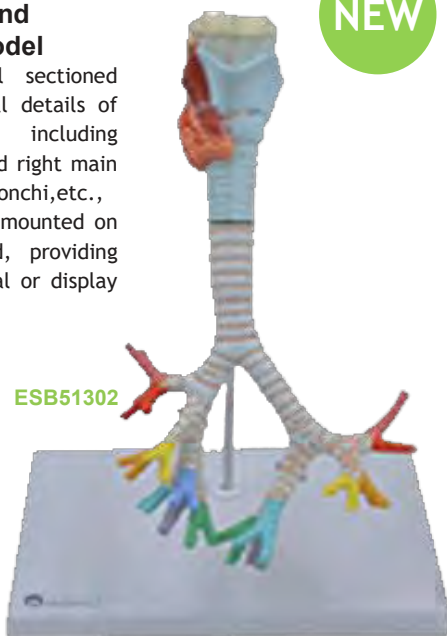
Net weight : 2500 g

ESB51094

Larynx, Trachea and Bronchial Tree model

This life size model sectioned longitudinally to reveal details of internal structures, including larynx, trachea, left and right main bronchus, segmental bronchi, etc., The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51302



NEW

Segmental Bronchi Model

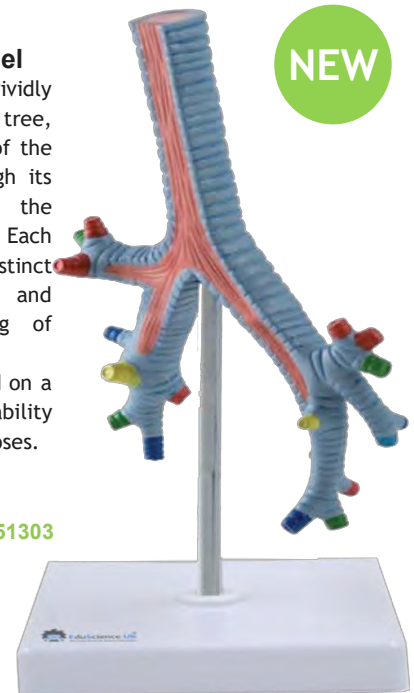
This life-sized model vividly illustrates the bronchial tree, starting from the bifurcation of the trachea and continuing through its various subdivisions to the bronchopulmonary segments. Each segment is depicted in distinct colors, enhancing visibility and aiding in the understanding of respiratory anatomy.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions :15*22*26 cm

Weight : 160 g

ESB51303



NEW



NEW

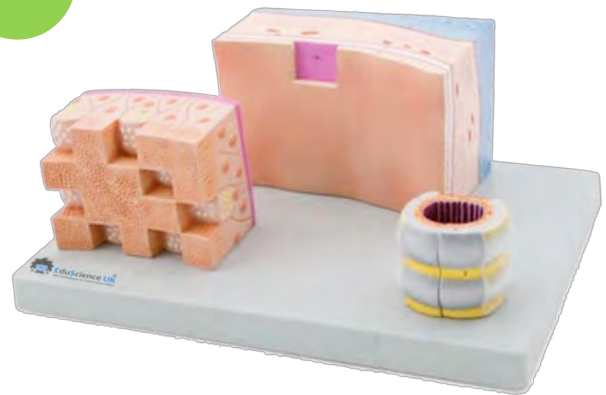


Trachea & Bronchial Tree Model

This model shows trachea, left and right main bronchi, lobular bronchi and segmental bronchi. Life size
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51304

NEW



Trachea Section Model

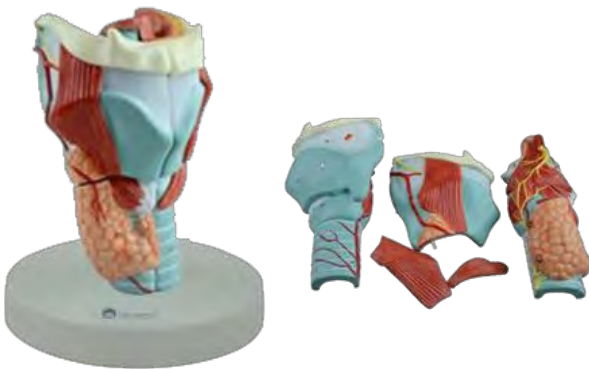
This item consists of three distinct models mounted on a single base. The first model replicates a cross-section of the human trachea enlarged to three times life-size. It can be longitudinally divided into two parts, providing a detailed view of the inner anatomy. The second model features an enlarged cross-section of the anterior tracheal wall, displaying all layers from the tracheal cartilage to the epithelium. Lastly, the third model showcases a magnified view of the pseudostratified ciliated epithelium, offering intricate detail of the typical ciliated cells and mucous cells.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 33*23*13 cm

Weight: 1100 g

ESB51305



Larynx Model, 2 Times Enlarged

This 5-part model is sectioned longitudinally to reveal intimate details of internal structures, including the hyoid bone, cartilages, ligaments, muscles, vessels, nerves and thyroid gland.
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 24*14*16 cm

Weight : 800 g

ESB51091



Larynx Model, Life Size

This life size model can be opened into 2 parts to show the anatomy of the human larynx and related structures: hyoid bone, cartilages, ligaments, muscles, vessels, nerves and thyroid gland.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 10*5.5*5 cm

Weight : 170 g

ESB51093

Cartilages Laryngis

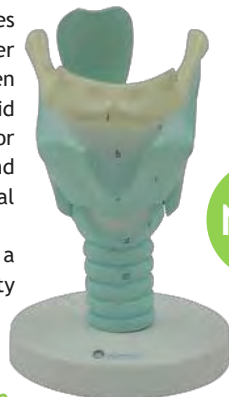
The model is enlarged three times its actual size to provide a clearer view of the relationship between laryngeal cartilage and the hyoid bone. This enlargement allows for better visualization and understanding of the anatomical structures involved.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 15*15*24 cm

Weight : 800 g

ESB51306



NEW



Nasal Cavity Model ,Life Size

This life-sized model vividly depicts the bronchial tree, starting from the bifurcation of the trachea and continuing through its subsequent subdivisions to the bronchopulmonary segments. Each segment is presented in distinct colors, facilitating clear visualization and comprehension of the respiratory system.

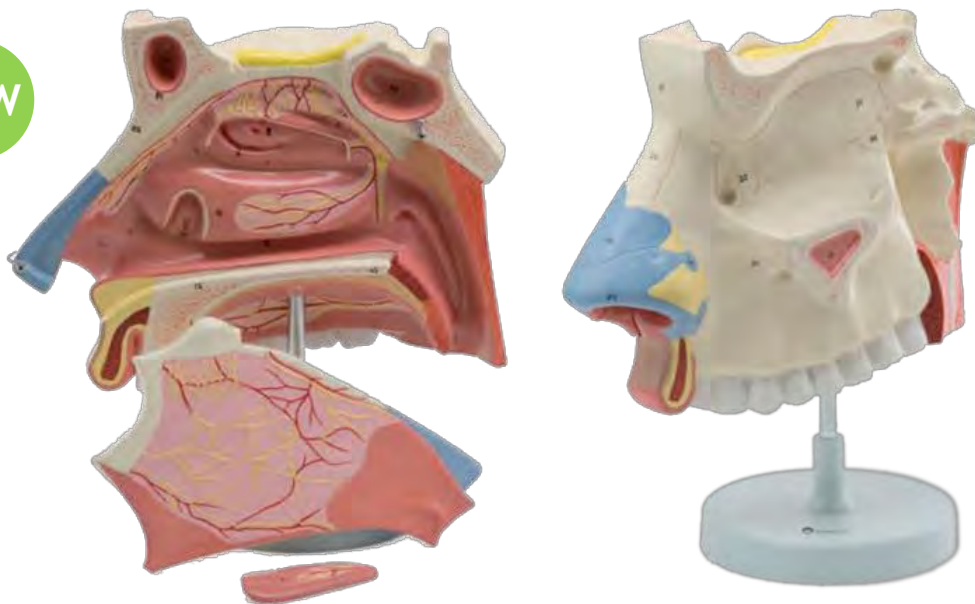
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 15*25*11 cm

weight : 600 g

ESB51098

NEW



Nasal Cavity,3 Parts

Enlarged to three times life size, this model displays a medial section of the nasal cavity. The nasal septum and a portion of the olfactory epithelium are detachable, allowing for a clear view of the deep internal structures.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

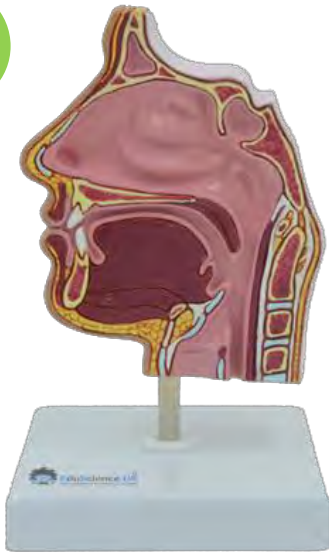
Dimensions : 15*20*30 cm

Weight: 1000 g

ESB51098/3



NEW

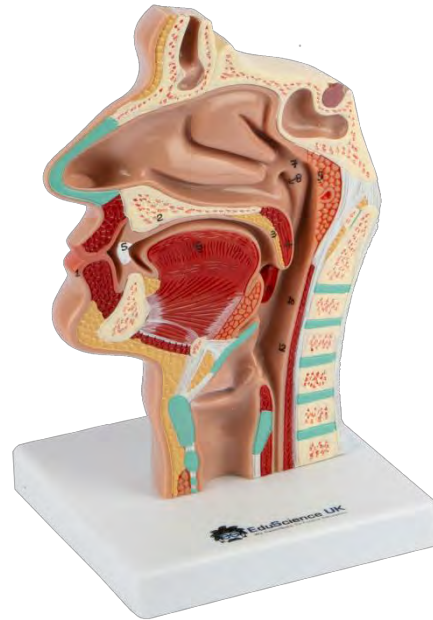


Nasal cavity Model

Full size cut-away normal model depicts a near median section through the nose and nasal passages. Details include nasal cavity, soft and hard palate, uvula, Eustachian tube and pharyngeal tonsil. Reverse side shows ethmoid and maxillary sinus cavities. " The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*11*18.5 cm
Net weight : 240 g

ESB51310



Nasal Cavity , Oral Cavity ,Throat ,Larynx Model

This life size model shows a section of the nasal cavity. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 12*13*26 cm
Weight : 450 g

ESB51097



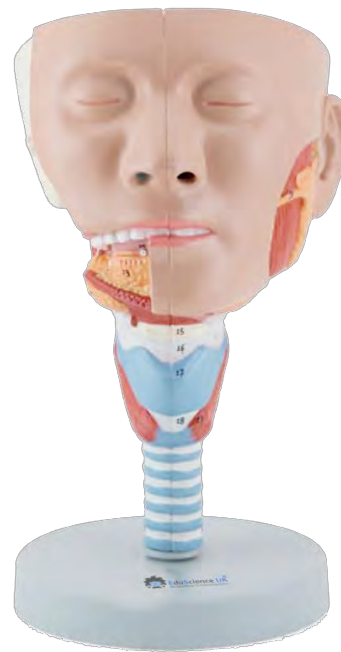
NEW

Larynx With Tongue, 5 Parts

This model consists of 5 parts and shows the anatomical structure of laryngeal cartilages, laryngeal muscles, and laryngeal cavity. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*11*19.7cm
Weight: 500 g

ESB51308



Head With Larynx Muscles Model

This life size head model is dissociated along the sagittal plane into 2 halves. Details of the oronasal cavity and larynx as well as musculature of the pharynx are exceptionally well represented.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

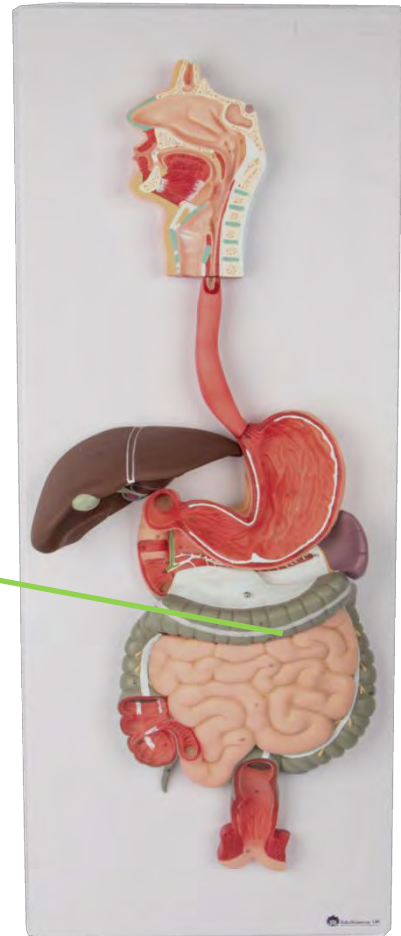
Dimensions : 23*15*12.5 cm
Weight : 1000 g

ESB51159

Human Digestive System Model

This life size model shows the human digestive tract from mouth cavity to rectum. The oral cavity, the pharynx and the first part of the esophagus are dissected along the medial sagittal plane. The liver is shown together with the gall bladder and the pancreas is dissected to expose internal features. The stomach is open along the frontal plane; the duodenum, caecum, part of the small intestine and the rectum are open to expose the interior. The transverse colon is removable. An additional relief model of the head shows the anatomy of the mouth with salivary glands. The model is securely mounted on a base , providing stability for educational or display purposes. Mounted on board. Dimensions : 91*31*11cm, Weight : 5000 g

ESB51099



NEW

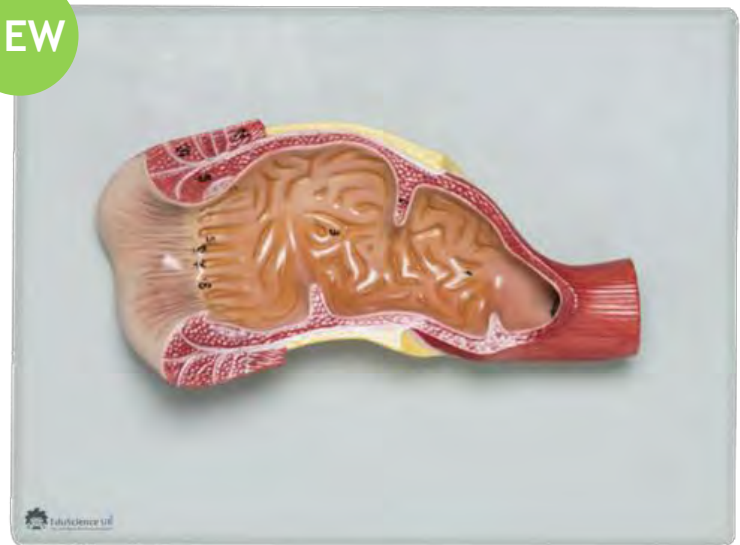


Appendix And Caecum Model

This model shows wall of caecum and appendix,2 parts.. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51320

NEW



Human Anus Model

This life size model shows a frontal section of the human anus. Structures of the rectum, including the internal and external sphincter muscles, mucous membrane, ampullae and anal valves are readily visible. The model is securely mounted on a base with a stand, providing stability for educational or display purposes. Dimensions : 20*15*12 cm Weight : 170 g

ESB51318





Digestive System,3 Parts

This life size model shows the human digestive tract from mouth cavity to rectum.

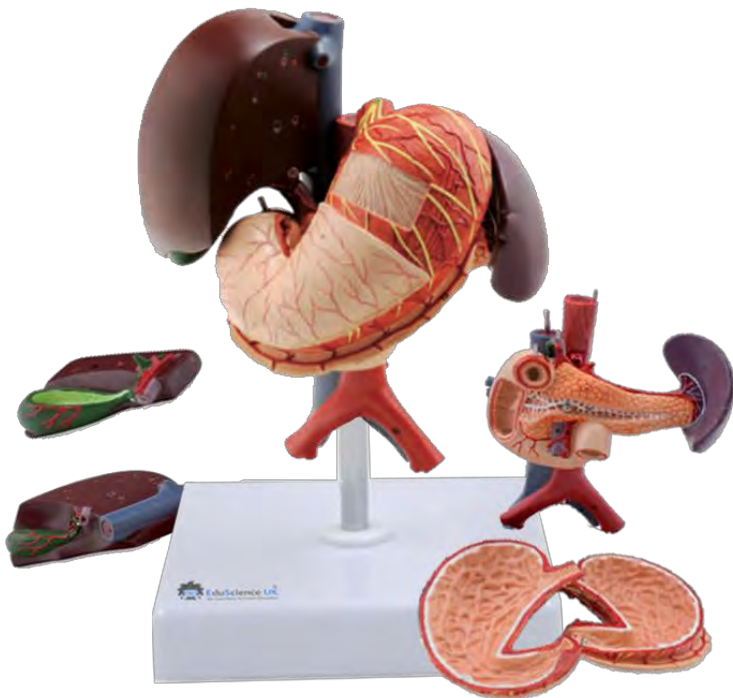
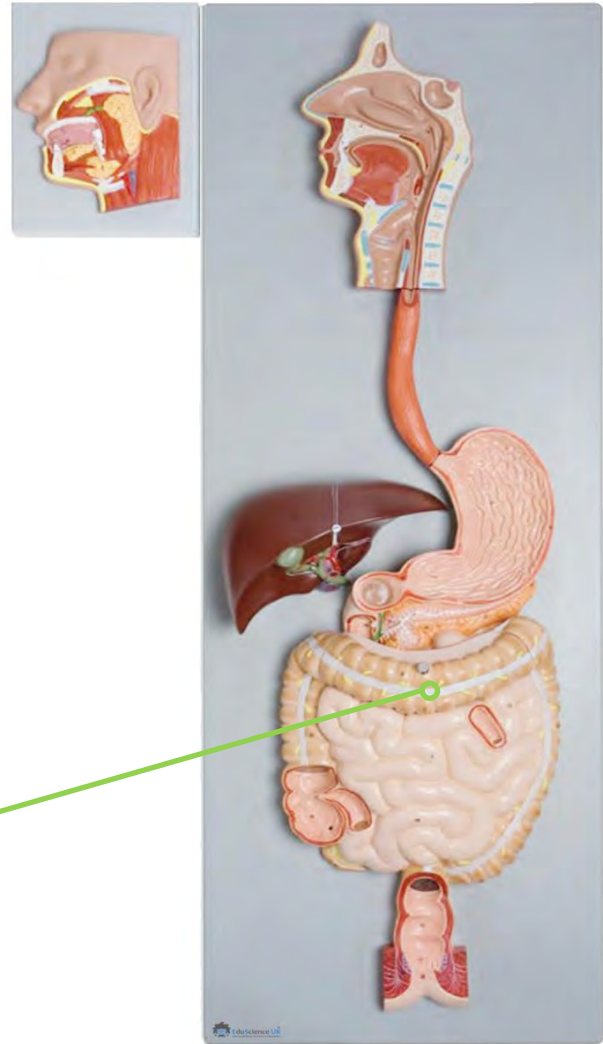
The oral cavity, the pharynx and the first part of the esophagus are dissected along the medial sagittal plane. The liver is shown together with the gall bladder and the pancreas is dissected to expose internal features. The stomach is open along the frontal plane; the duodenum, caecum, part of the small intestine and the rectum are open to expose the interior. The transverse colon is removable. An additional relief model of the head shows the anatomy of the mouth with salivary glands..

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 90*32*14 cm

Weight : 2200 g

ESB51099/3



Stomach & Associated Organs Of The Upper Abdomen,6 Parts

This life size model has the following features, 2-part stomach along with the pancreas, spleen and duodenum (shown in open section), gallbladder with bile ducts, abdominal aorta, vena cava, mesenteric and iliac vessels. 2 sections of the liver-gallbladder are interchangeable...

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

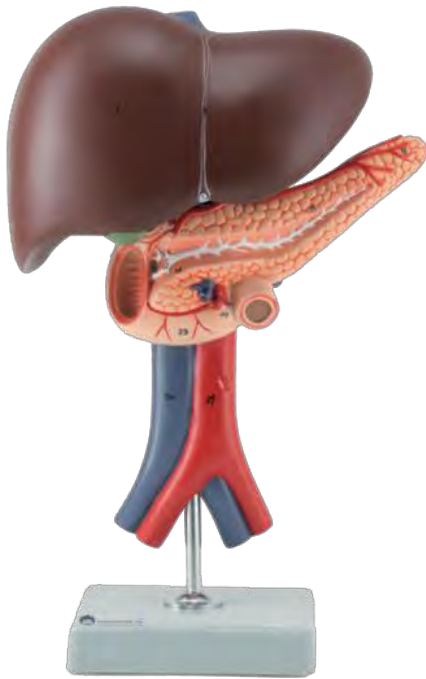
Dimensions :25*15*28 cm

Weight : 2000 g

ESB51322



NEW



Liver, Pancreas & Duodenum

This life size model, 2-part model, shows the liver with gallbladder, pancreas and partly dissected duodenum. It includes inferior vena cava, abdominal aorta and pancreatic ducts. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 12*14*33 cm
 Weight : 600 g

ESB51317

NEW



Human Intestinal villus Model

This model shows finger-like protrusions represent villi, cavities crypts. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Mounted on board.
 Dimensions : 19*15*21 cm
 Weight : 560 g

ESB51325

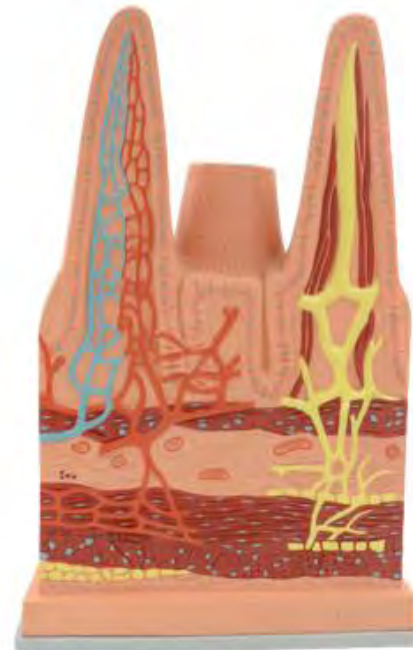
NEW



Structure Of Stomach Wall Model

This one-piece model, 150X life size, is an important tool to study the histology of the most important organ of the digestive system: the stomach. All the different layers from the epithelium to the serous coat are represented with great accuracy and detail. The principal structures, including different cellular types, capillary and lymphatic vessels are numbered and identified on the accompanying manual (included). The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 30*20*38cm
 Weight : 2000 g

ESB51326

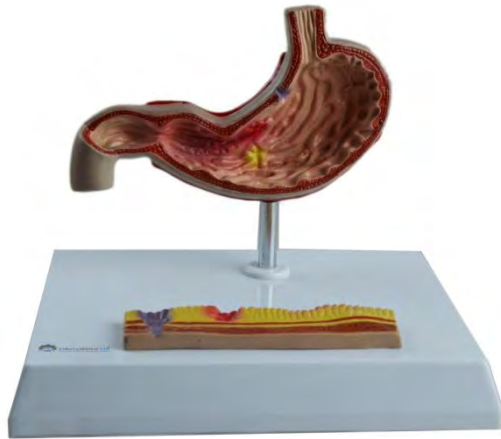


Intestinal Villi

This enlarged 400 times model shows the structure of intestinal villi under a microscope. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Mounted on board.
 Dimensions : 27*11*43 cm
 Weight : 1000 g

ESB51324



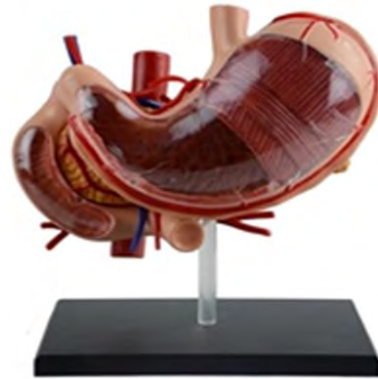


Diseased Stomach Model

This life size model is dissected and it show the internal structure of the stomach, including the mucosa, the pylorus, a section of the gastric wall. The model also shows the superficial muscular layers and the blood vessels, diseases also presented there, The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*18*15 cm

ESB51170



Stomach Model 4d

4D Stomach model life size model showing details, Dissctable into 12 parts

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*18*15 cm

ESB51101



Stomach Model,2 Times Enlarged

This model is dissected along the medial plane and can be opened to show the internal structure of the stomach, including the mucosa, the pylorus and a section of the gastric wall. Superficial dissections expose the longitudinal, circular and oblique muscle layers, with nerves and vascular structures.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 22*16*27 cm

Weight : 1000 g

ESB51103



Stomach Model,Life Size

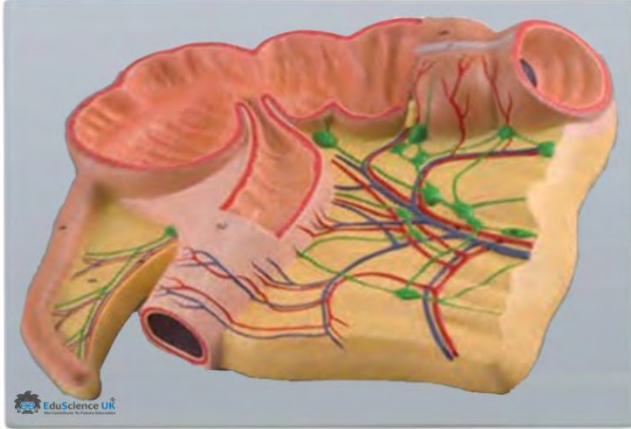
This life size model is dissected along the medial plane and can be opened to show the internal structure of the stomach, including the mucosa, the pylorus, a section of the gastric wall. The model also shows the superficial muscular layers and the blood vessels.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Size : 19*13*24 cm

Net weight : 500 g

ESB51102



Caecum And Appendix Model

This model is 2X life size; it shows the open caecum with appendix, ileum, ilocaecal orifice and valve. Blood vessels and lymph nodes are also represented.

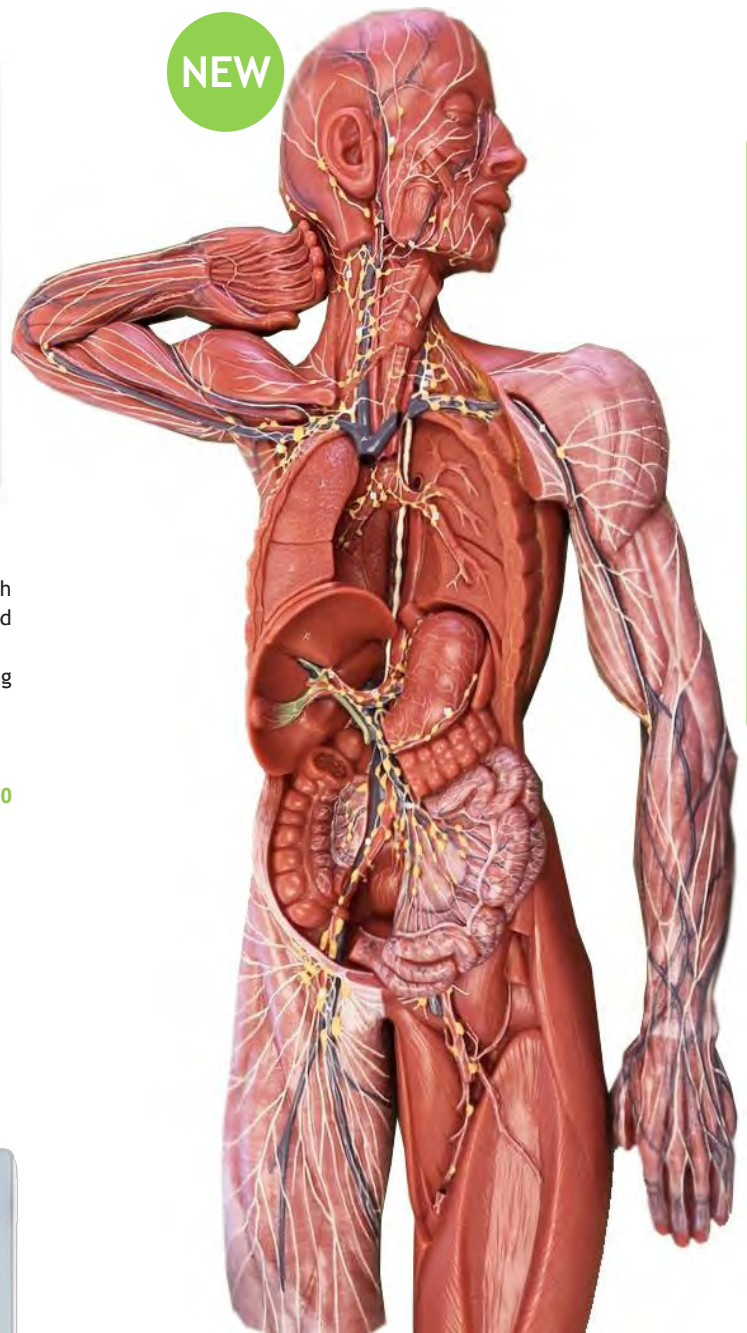
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 26.5*19.5*5.5 cm

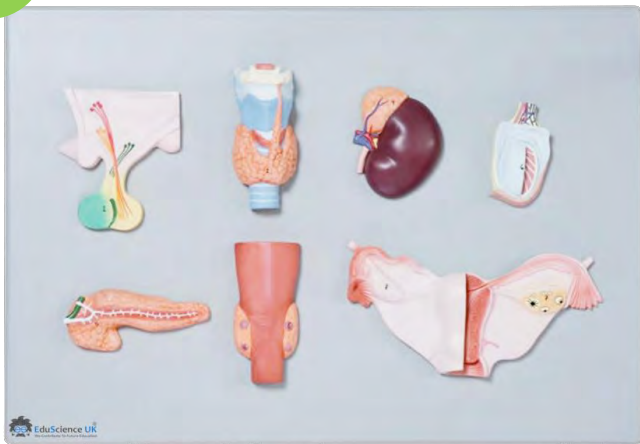
Weight : 900 g

ESB51100

NEW



NEW



Organs Of The Endocrine System Model

This model shows the external structure of the following human endocrine organs: pituitary gland, thyroid gland, adrenal gland, testis, pancreas, parathyroid gland, ovary.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions :53*38*7 cm

Weight : 1500 g

ESB51341

Lymphatic System Model

This model shows the structure of lymphatic system.

The model shows the composition and structural characteristics of the lymphatic system, with a total of 63 indicators.

ANATOMICALLY ACCURATE AND LIFE SIZE

Great for schools biology lessons, patient education and also a little Halloween fun!

HUMAN SKELETON SYSTEM

The anatomy of the skeleton is labeled on a realistic picture and makes for an easy study of the bones of the body.

HUMAN SYSTEM

Every part of the human body's system is labeled in this colorful detailed

ESB51340





Liver Model, Life Size

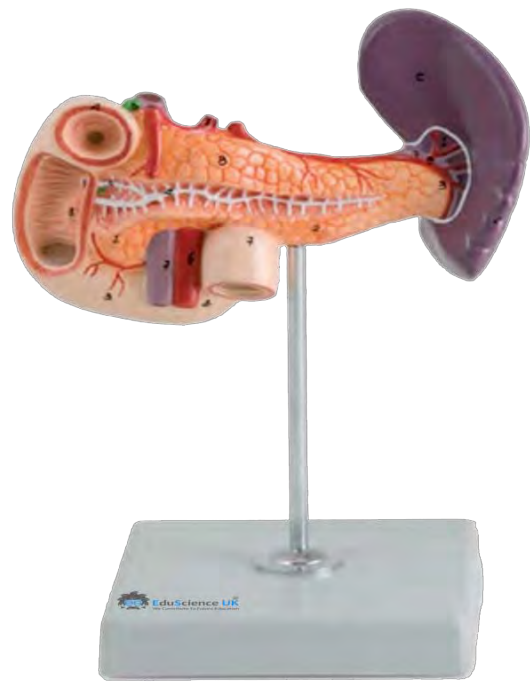
This realistic model reproduces a life size liver with the gall bladder. The hilus vessels are shown as well as the extrahepatic ducts and the main ligaments.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 21*18*15 cm

Weight : 550 g

ESB51104



Pancreas ,Duodenum And Spleen Model

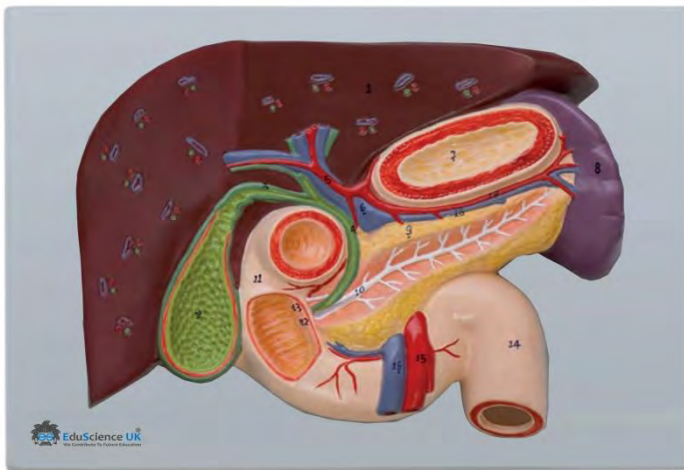
This life size model is an accurate representation of the pancreas, spleen and duodenum. The pancreas is open to show the entire pancreatic duct. The duodenum is partially dissected to expose its internal structure.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 12*19*24 cm

Weight : 500 g

ESB51107



Liver With Gall Bladder And Duodenum

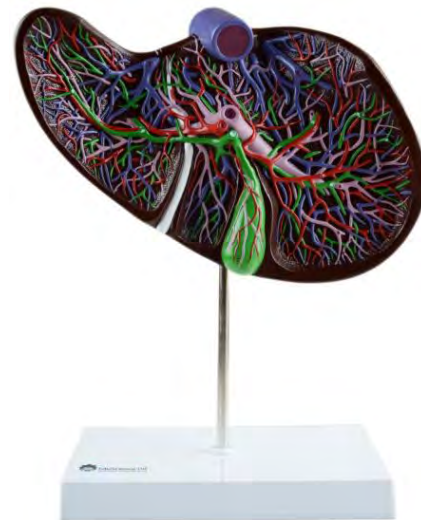
This life size model shows a section of the liver with gall bladder, pancreas and duodenum, hepatic and pancreatic ducts.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*15*4cm

Weight : 710 g

ESB51105



Liver Section With Gall Bladder Model

The model, 1,5X life size, shows the liver and gall bladder in open section with the complex network of vessels and bile ducts, displayed in different colours for clarity of examination.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 28*17*35 cm

Net weight : 1300 g

ESB51106



Lung Model

This life size model shows the normal human lung. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51329

NEW



Left And Right Lungs Model

Life size. This 2-part model is a realistic representation of human lungs with all external features. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 33*23*31 cm

Weight : 1800 g

ESB51331



Left and right lungs,4 parts Model

This life size model shows the normal human left and right lungs,4 parts. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 33*23*31 cm

Weight : 1800 g

ESB51332



NEW

Biology



Transparent Segmental Lungs Model

This model shows 10 segments in the right lung and 8 in the left. The distributions of bronchial tree can be observed through the transparent lungs. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 28*17*32 cm
Weight : 1000 g

ESB51333



Segmented Lungs Model

This life size model shows clearly the segmental anatomy of the left and the right lungs. The various lobes are painted with different colours to highlight their locations. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 23*33*32 cm
Weight : 1800 g

ESB51095





Dental Care Model (Oral Hygiene)

A 3X life size model that is useful for teaching the correct way to brush teeth. A giant toothbrush is included. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51109

NEW



Dental Hygiene Model

This life size model shows the upper and lower dentition of an adult human. Valuable aid for teaching proper oral hygiene procedures. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 8*8*7 cm
Weight : 230 g

ESB51376

NEW



Deciduous Teeth Model

This life size model shows the upper and lower jaw of a 5 year old child. The lower jaw is movable to reproduce the natural chew. The model exposes the arrangement of the young teeth. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 12*12*21 cm
Weight : 240 g

ESB51379

NEW



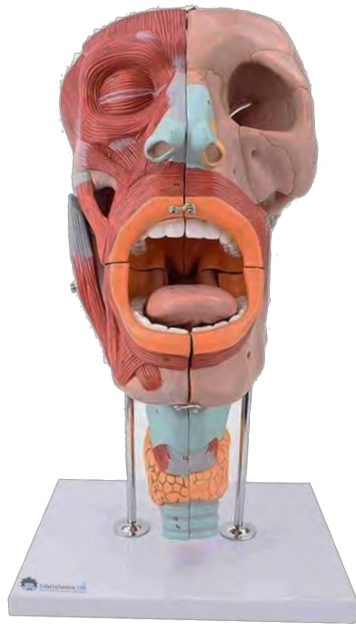
Permanent Teeth Model

This life size model shows the upper and lower jaw of a 5 year old child. The lower jaw is movable to reproduce the natural chew. The model exposes the arrangement of the young teeth. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 12*12*21 cm
Weight : 170 g

ESB51377





Enlarged Mouth, Nose And Throat Cavity Model

This model shows the oral, nasal cavities, pharynx and larynx. The upper respiratory tract is dissected into two pieces along the medial sagittal plane. 2 times enlarged. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 45*27*28 cm

Weight : 4000 g

ESB51383



Diseased Teeth Model

Oversized model of premolars and molars featuring many common dental problems, some of which are: abscess, advanced periodontitis, cavity, crown, decay, filling, gingivitis, plaque, and severe bone loss

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*15*15 cm

Weight : 700 g

ESB51380



Permanent Teeth, Set of 16 Pieces

This set model, composed of 16 pieces, shows in great detail the morphology of the permanent teeth. Maxillary and mandibular tooth types (incisors, canines, premolars and molars) are represented, enlarged to 4X life size. .

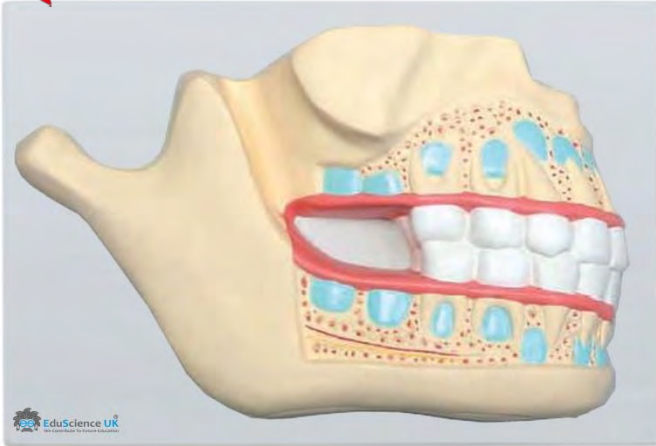
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 5*5*14.5 cm

Weight : 200g

ESB51378

NEW



Relief Model Of Deciduous Teeth

This is relief model of deciduous teeth
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51382



Deciduous Teeth Model -10 Pcs

This 10-piece model is a useful tool to study the morphology of primary tooth types (incisors, canines and molars). Enlarged to 10X life-size.
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
53x38x15cm/1400g
Dimensions : 53*38*15 cm
Weight : 1400 g

ESB51381



Incisor, Canine, Molar

These are enlarged Incisor, Canine, Molar.

ESB51375



Enlarged Lower Jaw

This 3X life size model is divisible into 6 parts to show all the characteristics of an adult half mandible. A portion of the jaw can be removed to show the roots of the teeth and the internal structure of the bone.
Canine and molar teeth can be removed and dissected longitudinally to observe the tooth roots, pulp and nerves.
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
Dimensions : 35*18*35.5 cm
Weight : 1130 g

ESB51384



Incisor

This is enlarged human incisor, 1 parts

ESB51373



Incisor - 2 Prats

This is enlarged human Incisor, 2 parts

ESB51373/2



Molar- 2 Parts

This is enlarged human Molar , 2 parts

ESB51374/2





Staged Model Of Decaying Tooth

This model, composed of 7 parts, is 4X life size. It consists of 3 teeth, seated in their sockets, that shows the progressive deterioration of tooth structure by dental caries. The first tooth shows the caries in the enamel. In the second tooth, the caries invades the dentine. In the third tooth, the pathology affects the pulp, jeopardizing the vitality of the tooth.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 20*11*16 cm

Weight : 700 g

ESB51110



Diseased Tooth Model

This 4X life size model shows the process of dental caries in its progressive stages. The tissues forming the tooth (enamel, dentine and pulp) are shown, along with the way in which they are affected by the caries process.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51168

Diseased Tooth Model

This 4X life size model shows the process of dental caries in its progressive stages. The tissues forming the tooth (enamel, dentine and pulp) are shown, along with the way in which they are affected by the caries process.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51169



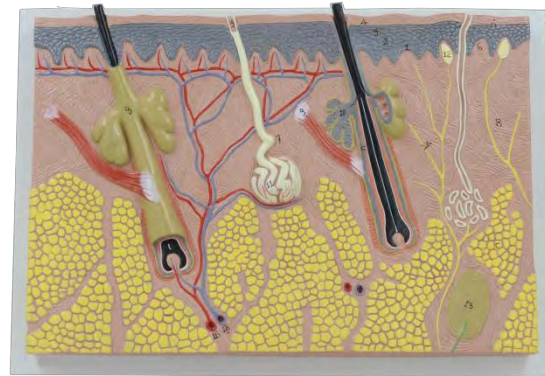
Skin Model,70 Times Enlarged

This 70X relief model compares a section of hairy skin . All structures, including sensitive corpuscles, hair follicles, sebaceous and sweat glands, are shown in great detail. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*26*26cm

Weight : 1600g

ESB51111



Skin Section Model

This 70X relief model shows the main structures through 3 layers of the hairy skin: hair follicles, sebaceous and sweat glands, erector muscles, sensitive corpuscles, nerves and blood vessels are well defined.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 33.5*23*7 cm

Weight : 1000g

ESB51113



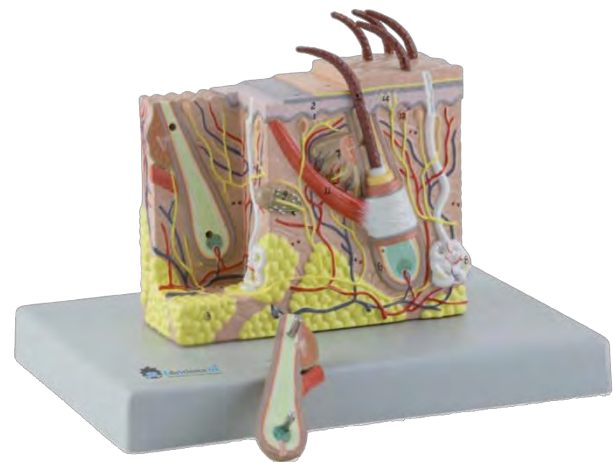
Skin Model,50 Times Enlarged

This 50X relief model compares a section of hairy skin . All structures, including sensitive corpuscles, hair follicles, sebaceous and sweat glands, are shown in great detail. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 13*24*24cm

Weight : 1000g

ESB51112



Skin Model,35X,2 Parts

This two-part model provides a three-dimensional representation of the human skin, showcasing detailed anatomical structures such as hair follicles, sebaceous glands, sweat glands, erector muscles, Pacinian corpuscles, nerves, and blood vessels. The various layers of the skin are clearly delineated, allowing for comprehensive study. Additionally, a portion of a hair shaft can be removed to reveal internal details.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 54*39*8 cm

Weight : 800g

ESB51197



NEW



Skin Relief Model

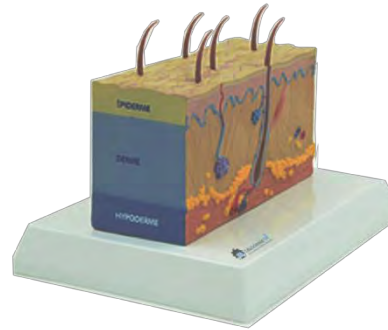
This two-part model, enlarged 70 times, illustrates the fundamental structure of the skin with and without hair.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 54*39*8 cm

Weight : 1600 g

ESB51337



Skin Model 3 Layers

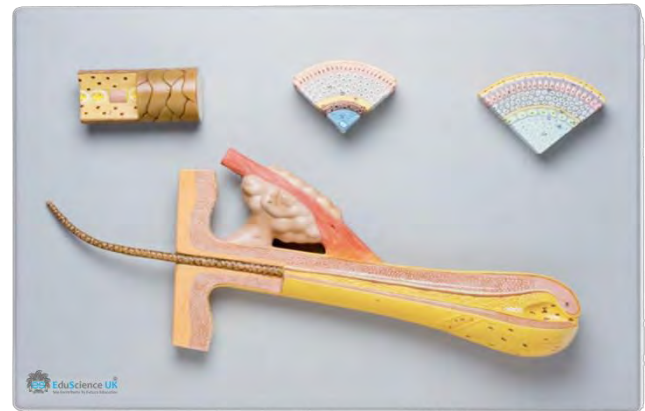
This enlarged model illustrates the three layers of the skin.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*14*2.5 cm

Weight : 400 g

ESB51336



Hair Model 700 Times Enlarged

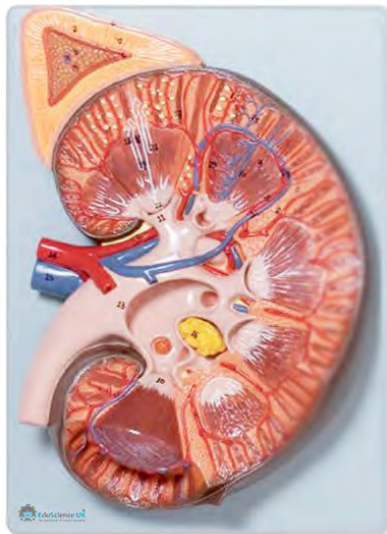
This four-part model, enlarged 700 times, provides a detailed depiction of hair anatomy. It includes representations of the shape of hair, hair follicles, longitudinal sections of hair roots, sections of hair shafts, cross-sections of hair roots, and hair bulbs.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 53*38*12 cm

Weight : 1950 g

ESB51338



Deluxe Kidney With Adrenal Gland Model, 3 Times Enlarged

This model shows a frontal section of the human kidney enlarged 3 times. The kidney is shown with the renal capsule. Additional structures include: the cortex, medulla, pyramids with papillae, partially dissected renal pelvis, renal calices, ureter, blood vessels, supra-renal gland with cortex and medulla. A schematic representation of the renal corpuscle with the system of collecting tubules is included.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 28*21*10 cm

Weight : 1100 g

ESB51116



Kidney Model Section, 3 Times Enlarged

This model shows a frontal section of the human kidney enlarged 3 times. The kidney is shown with the renal capsule. Additional structures include: the cortex, medulla, pyramids with papillae, partially dissected renal pelvis, renal calices, ureter, blood vessels, suprarenal gland with cortex and medulla,

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

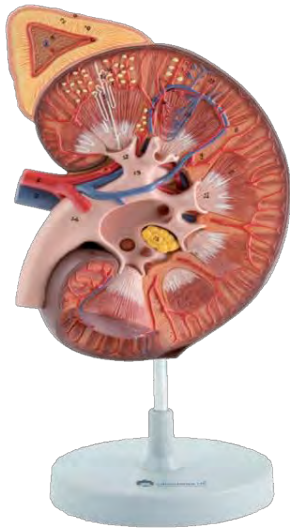
Dimensions : 28*21*10 cm

Weight : 1100 g

ESB51120



NEW



Kidney Model On Stand 3 Times Enlarged

This solid model showcases the human kidney, enlarged three times its natural size, providing a detailed view of its structures. Included are the renal capsule, cortex, medulla, pyramids with papillae, partially dissected renal pelvis, renal calices, ureter, blood vessels, suprarenal gland with cortex and medulla. Additionally, a schematic representation of the renal corpuscle with the system of collecting tubules is featured for educational purposes. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 15*17*33 cm
Weight : 1000 g

ESB51121/S



Kidney With Adrenal Gland Model , 1,5 Times Enlarged

This 2-part model, 1.5X life size, shows the human kidney in frontal region. Internal structures are clearly revealed, including cortex, medulla, pyramids, calyces, renal pelvis (partially opened), ureter and origins of the renal artery and vein. The front of the model is removable for inner examination.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
Dimensions : 11*11*23 cm
Weight : 200 g

ESB51115

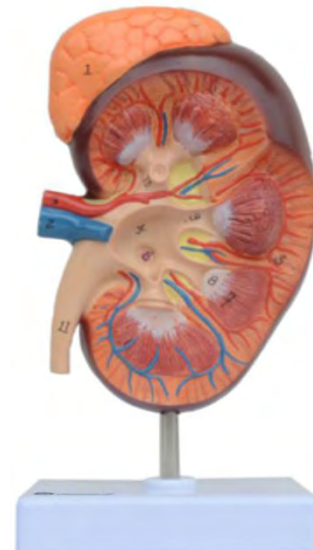


Kidney Model, Life Size

A life size model of the kidney with the adrenal gland. The model is sectioned along the front plane; it can be divided in 2 parts to show internal structures, including the cortex, medulla, pyramids with papillae, partially opened renal pelvis, ureter, blood vessels. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Size : 10.5*10.5*21 cm
Net weight : 220 g

ESB51114



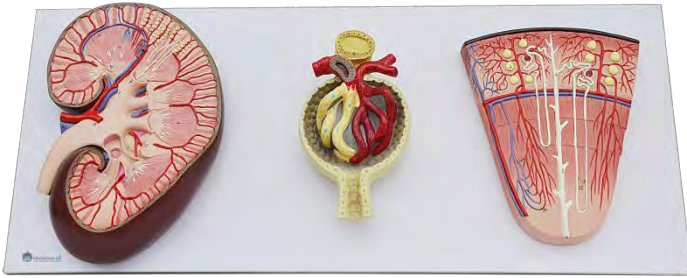
Kidney Model Section ,3 Times Enlarged

This model shows a frontal section of the human kidney enlarged 3 times. The kidney is shown with the renal capsule. Additional structures include: the cortex, medulla, pyramids with papillae, partially dissected renal pelvis, renal calices, ureter, blood vessels, suprarenal gland with cortex and medulla

Dimensions : 28*21*10 cm
Weight : 1100 g

ESB51121





Kidney,Nephron And Glomerulus Model

Right Kidney, Nephron and Glomerulus combined on one base plate. Model in one piece.

Right Kidney

Enlarged approx. 3 times, . Frontal section seen from behind; pyramids of the kidney with their papillae entering the partly open pelvis. Schematic Presentation of a nephron with its loop of Henle. Model in one piece. On a green board.

Nephron

Enlarged approx. 120 times. The model shows two nephrons with little knots of kidney, renal tubules and collecting tube system. Model in one piece. On a green base plate.

Glomerulus

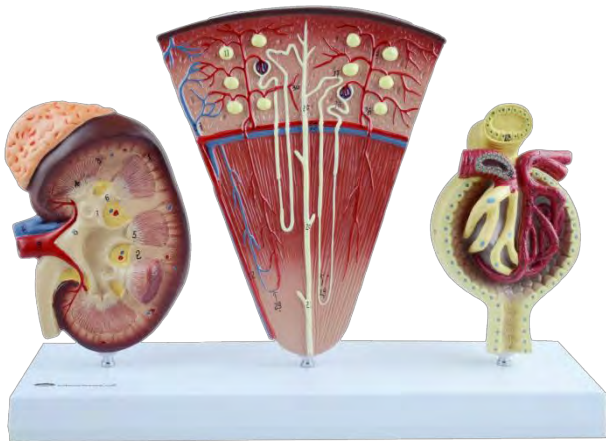
Enlarged approx. 700 times, The model shows the arteriola afferens and the arteriola efferens, the capillaries of the glomerulus, urinary pole and Bowman's capsule.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 30*65*9 cm

Weight : 3000 g

ESB51117



Kidney,Nephron And Glomerulus Model Solid

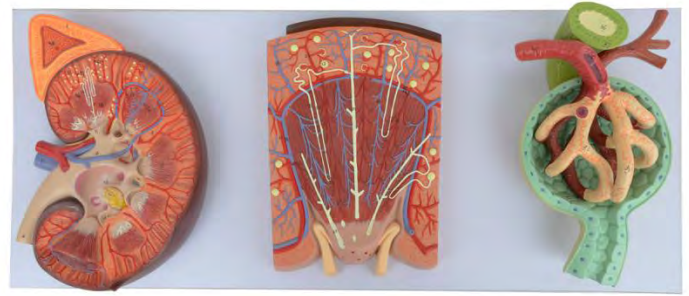
This 3 models set shows the basic structure of the kidney. We can find as a first model a kidney, illustrates adrenal gland, cortex, medulla, pyramids with papillae, renal pelvis and blood vessels. The second model, representing a nephron enlarged 120 times, shows a renal tubules, a collecting tube system and Henle's loop. The third one illustrates Malpighian corpuscle with the Bowman's capsule, 700 times life size. All these models are a great instrument to understand the kidney anatomy in all the inner details.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 31.5*9.5*22 cm

Weight : 510 g

ESB51118



Deluxe Kidney,Nephron And Glomerulus Model

This 3 model set shows the basic structure of the kidney. The first model shows a frontal section of the kidney enlarged 3 times. It presents the adrenal gland, cortex, medulla, pyramids with papillae, renal pelvis and blood vessels.

The second model, representing a nephron enlarged 120 times, shows a renal tubule, a collecting tube system, and Henle's loop.

The third model illustrates Malpighian corpuscle with the Bowman's capsule at a scale of 700x life size.

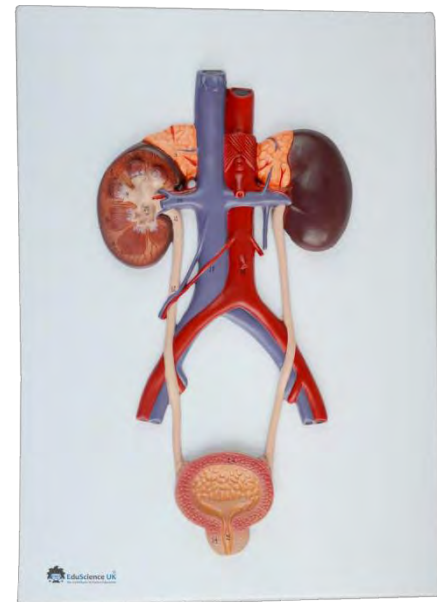
The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 70*29*12 cm

Weight : 4100 g

All these models are an excellent way to understand the inner details of human kidney anatomy.

ESB51119



Urinary System Relief Model

This model features sections of the urinary bladder, urethra, the inferior vena cava with tributaries, the abdominal aorta with branches, ureters, the kidneys with adrenal glands, a section showing internal renal structures (cortex, medulla, pyramids with papillae, vessels)

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 42*31*5 cm

Weight : 1000 g

ESB51124

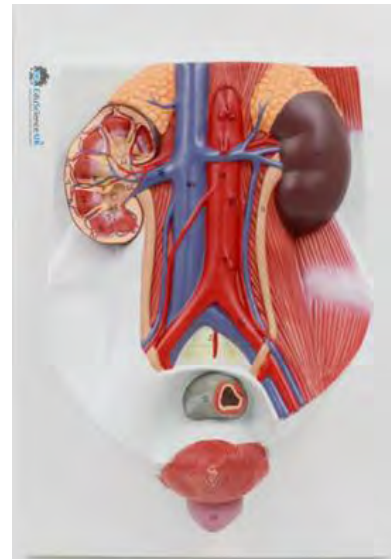




Urinary System, Dual Sex Model

This all-in-one-model shows:
 Structures of retroperitoneal cavity Large and small pelvis with bones and muscles Inferior vena cava Aorta with its branches including iliacal vessels Upper urinary tract Rectum Kidney with adrenal gland
 The front half of the right kidney is removable. With easy-to-change male insert (bladder and prostate, front and rear half) and female insert (bladder, womb and ovaries, two lateral halves)
 The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 42*23*10.5 cm
 Weight : 3000 g

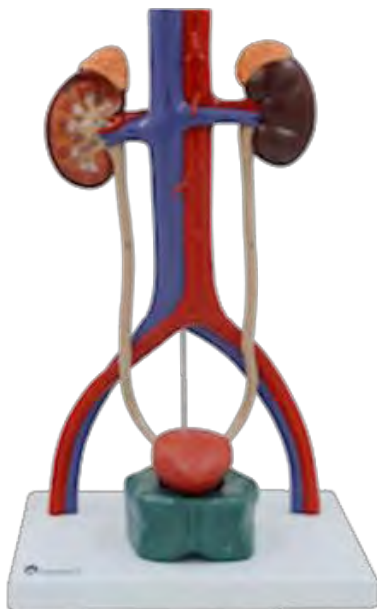
ESB51125



Urinary System Model

This model depicts the urinary system, featuring the bladder, prostate, and kidney.
 The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51312



Urinary System Model

Free-standing model comes with four parts and represents the major components of the urinary system. The right kidney is dissected to show the cortex, medulla, pyramids, calyces - PELvis, and origins of the renal artery and vein. The bladder can also be removed and opened for more detailed learning. Durable and a great learning tool in all classrooms and laboratories.
 The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 26 *18.8 cm
 Weight : 850 g

ESB51123



URINARY SYSTEM LIFE-SIZE, 5 PARTS

This life-sized model of the urinary system consists of five parts, providing a detailed depiction of its basic structure. The model allows for the bladder and kidneys to be opened, offering a closer examination of their internal anatomy.
 The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 25*18*30 cm
 Weight : 800 g

ESB51123/5





Bladder Model

This model, enlarged 3 times, shows the male urinary bladder with the prostate gland surrounding the urethra. The model is dissected medially to expose both internal and external structures of the bladder and prostate, including the urethric and urethral orifices, ductus deferens, seminal gland, ejaculatory duct. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51126



Prostate Model 2 Times Enlarged 4 Parts

This four-part model, enlarged to twice life-size, provides a comprehensive view of the complete anatomy of the prostate. Additionally, the basal part of the urinary bladder is included, and thanks to the longitudinal section, all the different lobes of the prostate can be easily identified. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 16.5*13*20 cm
Weight : 1100 g

ESB51315



Enlarged Bladder Model

This model, enlarged three times its natural size and composed of two parts, illustrates the internal and external structure of the bladder, internal urethra, prostate, and a portion of the vas deferens.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 22*14.9*27 cm
Weight : 1230 g

ESB51118



Male Pelvis Model ,Life Size

This life size model, composed of 4 parts, presents an open view through a median sagittal section of the pelvis. Internal structures of the male urogenital system are represented in fine detail. The removable parts include a half penis divided into medial and transverse sections, and half of the male reproductive system with an open dissection of a testis showing details of the internal structure.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 28*24*29 cm
Weight : 2000 g

ESB51127



NEW

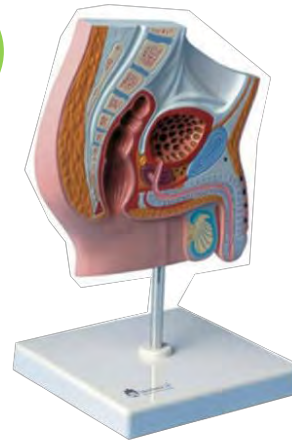


Male Pelvis, 1/2 Life Size

This half-life-sized model presents an open view through a median sagittal section of the male pelvis. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51127/0.5

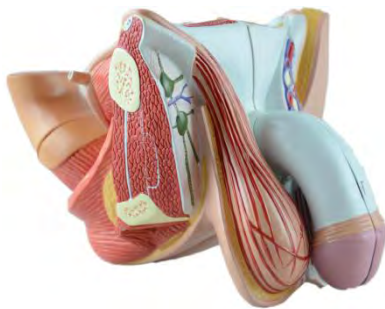
NEW



Male Pelvis On Stand

This model, displayed on a stand, depicts a reduced-size mid-sagittal section showcasing the anatomy of the pelvis and testis. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51128/N



Male Genital Organ Model, Life Size

This life size model, composed of 4 parts, is dissected through the median sagittal plane to provide excellent views of external and internal structures. The removable parts include two halves of the penis, showing medial and transverse cuts and 2 halves of the male reproductive system with excellent detailing of internal structures.

Dimensions: 20*13*12.5 cm

Weight : 820 g

ESB51129

NEW

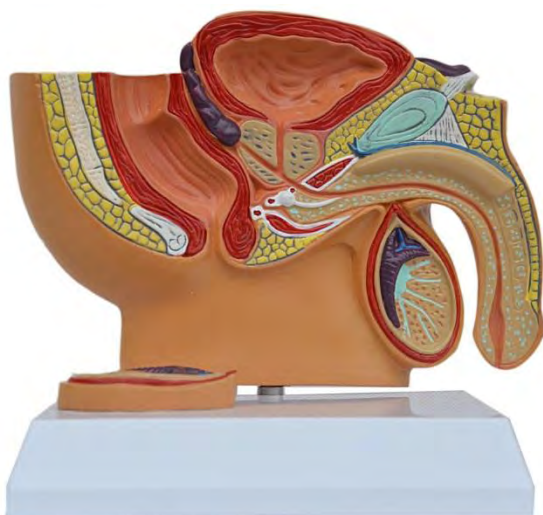


Median Section Of Male Pelvis

This model displays a median section of the male pelvis, presenting the rectum, bladder with prostate, testicular duct, and external genital organs. It consists of four parts for detailed study.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51316/M



Male Pelvis Model

Male-half scale Midle-sagittal cross-section which shows the anatomy of the pelvis and testis.

ESB51128



NEW



Male Genital Organ, Life Size, With Base

This life-sized model, consisting of four parts, is dissected along the median sagittal plane to offer detailed views of both external and internal structures of the male genital organ. The removable parts include two halves of the penis, displaying medial and transverse cuts, as well as two halves of the male reproductive system, featuring excellent detailing of internal structures. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51129/B



Testis Model ,10 Times Enlarged

This model shows the medial and sagittal section of the human testis including epididymis, ductus deferens, seminiferous tubules and rete testis
Size : 11x11x26 cm
Net weight : 260 g

ESB51130

NEW



Male Reproductive System Model

This model depicts all the organs of the male reproductive system in natural size. The penis, prostate, and urinary bladder are longitudinally sectioned to reveal their inner anatomy, while the testicle is partially cut away to expose all internal structures. Additionally, the model features a detailed cross-section of the testicle, significantly enlarged, showcasing the septula testis, rete testis, straight and contorted seminiferous tubules with great accuracy. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
Dimensions: 40*26*10 cm
Weight: 500 g

ESB51311

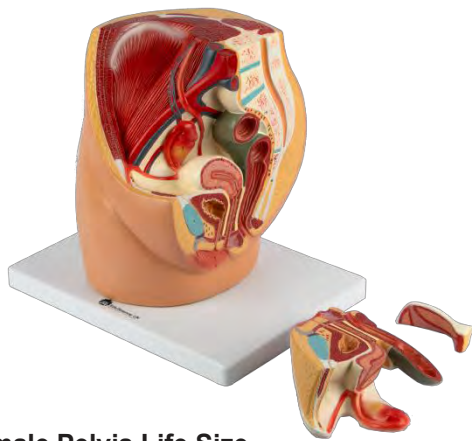


Spermiogenesis Model,10000 Times Enlarged

This model shows the process of spermatogenesis from spermatid to the mature spermatozoon. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
Base Dimensions : 26*40 cm

ESB51131





Female Pelvis, Life Size

This life size model, composed of 3 parts, shows an open dissection through the median sagittal section of the pelvis. Internal structures of the female urogenital system are portrayed in great detail. Removable parts include half of the female reproductive system with the uterus opened to reveal medial and transverse sectional views.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 28*24*29cm

Weight 2100g

ESB51132

NEW



Median Section Of Female Pelvis

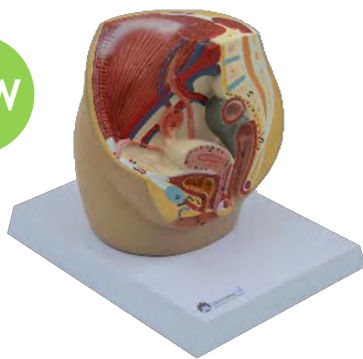
This model displays a median section of the female pelvis, showcasing the female genital organs along with the bladder and rectum.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Base Dimensions : 26*40 cm

ESB51316/F

NEW



Female Pelvis, 1/2 Life Size

This half-life-sized model presents an open view through a median sagittal section of the female pelvis.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51132/0.5

NEW



Female pelvis

This model depicts a reduced-size mid-sagittal cross-section of the female pelvis, showcasing the anatomy of the female reproductive system.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51133/N

Female Pelvis Model

this half scale mid-sagittal cross-section of the pelvis showing female anatomy, including the ovary and fallopian tube.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 14*14.5*2 cm

Weight : 300 g

ESB51133





Deluxe Pregnancy Pelvis Model

This life size model depicts the female human pelvis in median section with a foetus in the 40th week of pregnancy. The foetus is in the normal position prior to birth, showing the anatomical relationship between various structures of the maternal pelvis and the fetus. Fetus is detachable for closer examination.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 24*40*38 cm
Weight : 4000g

ESB51140



Pregnancy Pelvis With Mature Foetus Model

This life-size model, foetus in uterus with closed and opened uteri, the beginning of the emergence of the head.

ESB51141



Female Internal Genital Organ Model

1.5X life size model shows dissected view of the vagina, cervix, uterus and ovary with follicles at various stages of development.

Dimensions : 20*17.5*9 cm
Weight : 350g

ESB51136



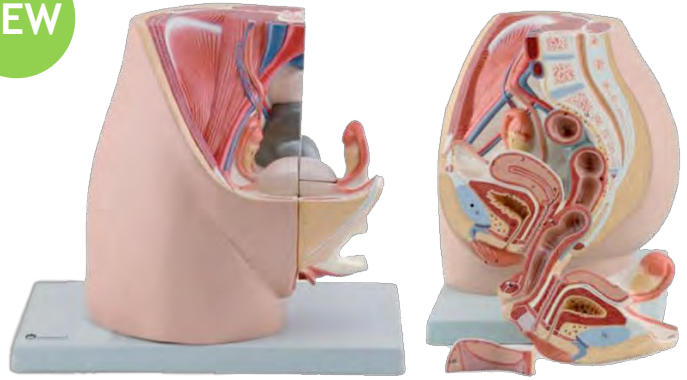
Female Genital Organ Model ,4 Parts

This life size model, composed of 4 parts, is a detailed representation of the female reproductive system as viewed through a median sagittal dissection. Removable parts include a 2-part uterus and 2 halves of the female reproductive apparatus with details of the internal structure.

Dimensions : 14.5*13*12 cm
Weight : 500 g

ESB51135

NEW



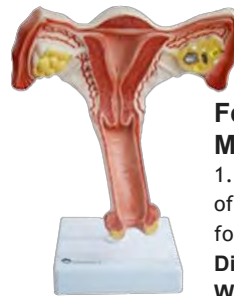
Female Pelvis With 8-Week Embryo, 3 Parts

This life-sized model, composed of three parts, provides an internal view through the median sagittal section of the pelvis. It displays the internal organs of the female urinary and reproductive systems, along with an 8-week embryo in utero.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions: 30*22*28 cm
Weight: 1750 g

ESB51342



Female Internal Genital Organ Model

1.5X life size model shows a dissected view of the vagina, cervix, uterus and ovary with follicles at various stages of development.

Dimensions : 20*17.5*9 cm
Weight : 350 g

ESB51137

NEW



Female Genital Organ, Model, 4 Parts, with Base

This life size model, composed of 4 parts, is a detailed representation of the female reproductive system as viewed through a median sagittal dissection. Removable parts include a 2-part uterus and 2 halves of the female reproductive apparatus with details of the internal structure.

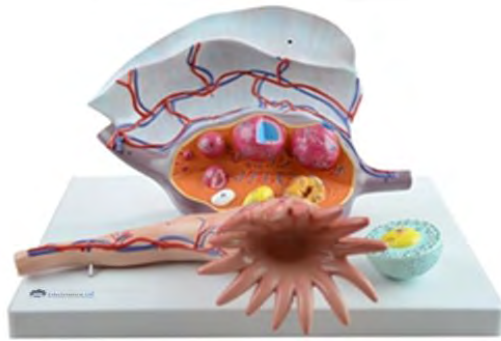
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 29*17*20 cm
Weight : 1200 g

ESB51135/B





Ovary Structure Model

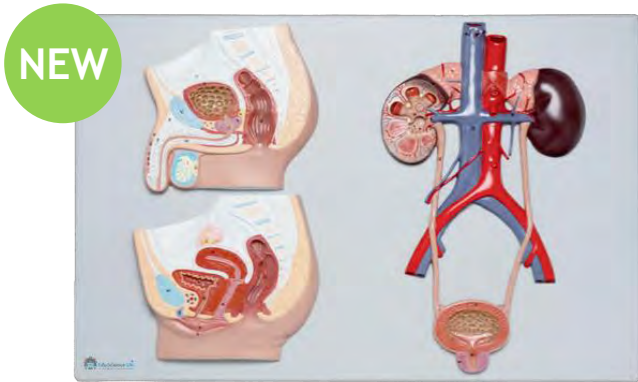
This 2-part, 5X life-size model shows the anatomy of the human fallopian tube and ovary. The follicles are shown at different stages of maturation. From the primary ovarian follicle to the corpus albicans. A primary follicle is cross-sectioned, to illustrate the inner structure, the oocyte, zona pellucida and granulosa cells.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 35*25*25cm

Weight : 2000 g

ESB51138



NEW

Relief Model Of Male And Female Urinary System

This relief model showcases sections of both male and female pelvises, along with the urinary bladder, urethra, the inferior vena cava with tributaries, the abdominal aorta with branches, ureters, and the kidneys with adrenal glands. Additionally, it includes a section illustrating internal renal structures such as the cortex, medulla, pyramids with papillae, and vessels.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 53*38*5 cm

Weight : 1000 g

ESB51313



Uterus Model, 2 Parts

Full-size cross-section model illustrates multiple pathologies, dissected into 2 parts

Dimensions : 23*17.5*9.5 cm

Weight : 550 g

ESB51139



NEW

Fertilization Process Model

This model illustrates two frontal sections through female genital organs, depicting the fertilization process.

ESB51343



NEW

Enlarged Ovary Model

This enlarged ovary model is composed of eight parts, illustrating the various stages of ovum development. These parts include the ovary itself, primary ovarian follicles, secondary ovarian follicles, the ovum, ovulation, corpus luteum, and corpus albicans. The model effectively demonstrates the process of ovum development from its initial stages to maturation.

ESB51349



Female Pelvis Cavity With 2 Lumbar Vertebra's

This single-piece life-size model is a very useful tool to study the female pelvic anatomy and to understand the relationship between pelvic bones, muscles and female genital organs. It shows a complete skeleton of a female human pelvis associated with ligaments, muscles, internal and external female urogenital organs. Both the urinary bladder and the uterus can be opened along the longitudinal plane to show their inner anatomy. All the structures are reproduced with great detail and accuracy.

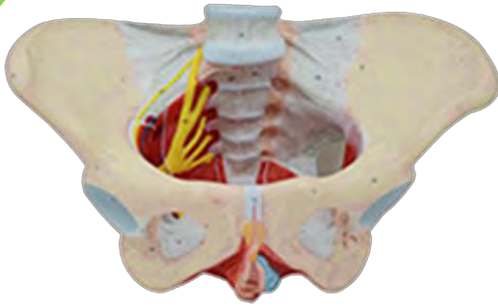
Dimensions : 25*24*13 cm

Weight : 1130 g

ESB51134



NEW



Pelvic Floor Muscle 1 Part

This single-part model displays the pelvis along with its ligaments, nerves, perineum, and other relevant structures, focusing on the pelvic floor muscles.

ESB51348

NEW



Pelvic Floor Muscle 4 Parts

This four part model provides a representation of the external and internal genital organs along with the pelvic floor, including a network of nerves and vessels.

Dimensions : 30*18*20 cm

Weight : 2000 g

ESB51348/4



3 Stages Of Fetus Delivery Model, Life Size

This life-sized model illustrates the three stages of the fetus delivery procedure. It includes representations of the uterus, fetus, placenta, pelvis, birth canal, and umbilical cord.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51350

NEW



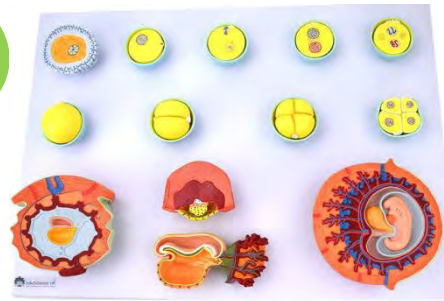
Placenta Model

This model displays the structure of the placenta and illustrates the relationship between the placenta and the umbilical cord.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51346

NEW



Human Fertilization & Internal Embryogeny

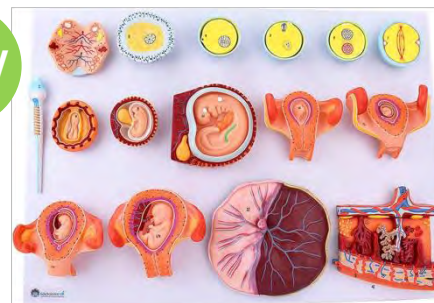
This model illustrates two frontal sections through female genital organs, depicting the fertilization process.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Weight : 2800 g

ESB51344

NEW



Human Fertilization And Early Embryogenic

This set of 16 different models illustrates human fertilization and early embryogenic, depicting the development of the human ovum up to the third month.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51345



NEW



Enlarged Model Of Placenta

This enlarged model depicts the cross-section structure of the human placenta.

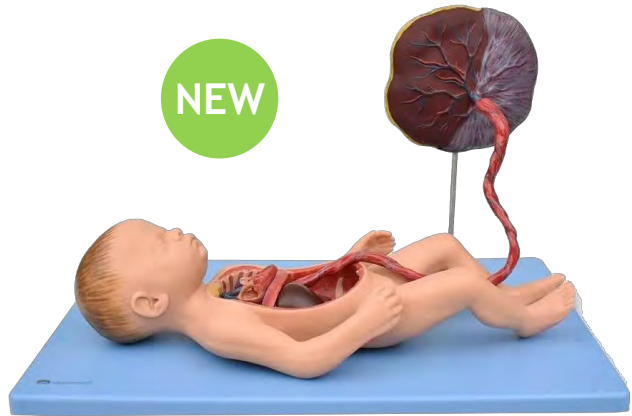
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 35*25*25 cm

Weight : 2000 g

ESB51347

NEW



Fetal Blood Circulation System

This model shows thoracic, abdominal cavity, heart, umbilical cord and placenta, venous and arterial ducts.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51592

Foetus Development Model,Life Size

Set of eight model illustrates the detailed stages of pregnancy development. Includes a first-month embryo, second-month embryo, third-month embryo, fourth-month foetus in transverse lie position, fifth-month foetus in breech position, fifth-month foetus in transverse lie position, fifth-month twin foetuses, and seventh-month foetus.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 51*21*20 cm

Weight : 4000 g

ESB51142



NEW



Fetal Development

This model shows the process of fetal development from the unfertilized ovum to the 9th month of gestation. The model consists of five parts. The

first shows the developmental stages: ovulation; fertilization, zygote formation and uterine implantation that take place in ovary, fallopian tube and uterus. The other parts show the fetus at 2 weeks, 8 weeks, 12 weeks and 9 months of development.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 55*40*10 cm

Weight : 3000 g

ESB51589

NEW



Fetus With Viscus and Placenta, 11 Parts, Natural Size

This model shows a term fetus with placenta, umbilical cord and internal organs.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

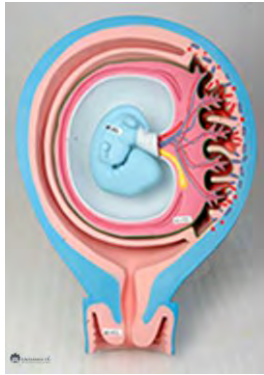
Dimensions : 56*40*20 cm

Weight : 4000 g

ESB51593



NEW



Fetal Membrane And Uterus

This section model shows the anatomical structure of the fetus, placenta, uterus, and umbilical cord. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 53*38*17 cm
 Weight : 4000 g

ESB51351

NEW

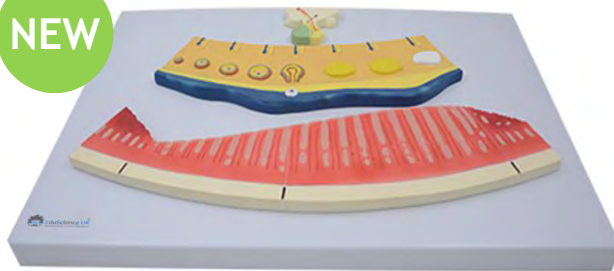


Human Embryo 50 Times Life Size ,4th Week

This model, 50X life size, shows structural details of a human embryo at 4 weeks of development. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 26*24*15 cm
 Weight : 1700 g

ESB51590

NEW



Periodic Changes Of Female Hormones And Internal Layer of Uterus

This model shows the relationship between female hormone levels and changes in the uterine lining throughout the menstrual cycle. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 54*39*10 cm
 Weight : 3000 g

ESB51352

Breast Model

Full size cross-section model depicts common pathologies ,Medially divided into 2 halves, Model also shows breast structures such a suspensory ligaments, fat tissue, muscles, and ribs. The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 14.5*12*10 cm,
 Weight : 650 g

ESBc



NEW



Breast Model Basic On Base

This model shows the basic shape and structure of human breast. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.
 Dimensions : 40*26*13 cm
 Weight : 950 g

ESB51598

Lactation Breast Model

Life size Breast model Medially divided into 2 halves Healthy lactating breast tissue on the cut surface of the external half Breast gland inflammation (mastitis) on the cut surface of the inner half The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 20*20*25 cm,
 Weight : 1500 g

ESB51177





Human Head Cranial with Autonomic Nerves 2-Part Mode

This model, enlarged 2.5 times life-size, features a dissection of a human half head, showcasing the 12 cranial nerves along with their collateral branches and autonomic nerves. A median section reveals the upper respiratory tract and pharynx. Additionally, the eyeball is removable for close examination.

The model is securely mounted on a base and stand, providing stability for educational or display purposes.

Dimensions : 20*26*41.5 cm

Weight : 2000 g

ESB51208



Head With Muscles

This model consists of 10 parts and displays the cranium, eye, cerebral falx, right and left brain, and cervical vein.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51204



Head And Neck Musculature

This model provides a comprehensive depiction of the muscles in the head, neck, and superior thoracic region. It accurately represents both the superficial and deep musculature, along with illustrating the pathways of the subclavian and carotid arteries.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 33*22*48 cm,

Weight : 3000 g

ESB51199



Arteries Of Head

This model illustrates the pathway of the left external carotid artery, encompassing its collateral and terminal branches.

The model is securely mounted on a base, providing stability for educational or display purposes.

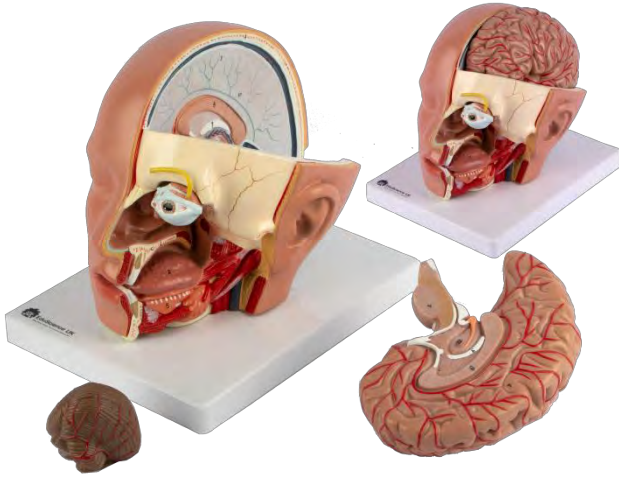
20x15x20cm/600g

Dimensions : 20*15*20 cm

Weight : 600 g

ESB51205





Head With Brain Model

Life size head model is composed of 4 parts, as follows: half brain, features the internal structure of the cerebrum, including blood vessels half of the cerebellum eye with optic nerve. The right side of the face is dissected in sagittal and horizontal section, showing many significant internal features of the skull and brain, as well as the entire oronasal cavity. The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 24*22*19 cm

Weight : 1500 g

ESB51147



Muscles Of Head And Neck

The product demonstrates the neck anatomy, the superficial structure of the neck, the anterior neck area and the sternocleidomastoid area, the lateral neck area, the base of the neck, the fascia and the fascial space.

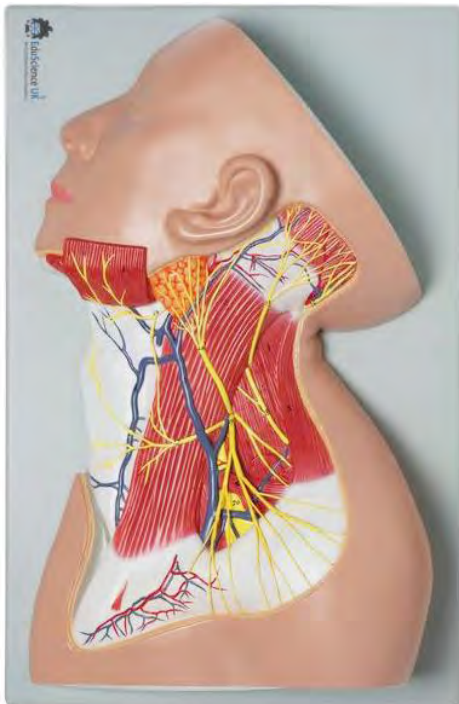
Also shows the anatomy of brain and face.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 42*29*45 cm

Weight : 3500 g

ESB51201



Nerves Of Neck Region Model

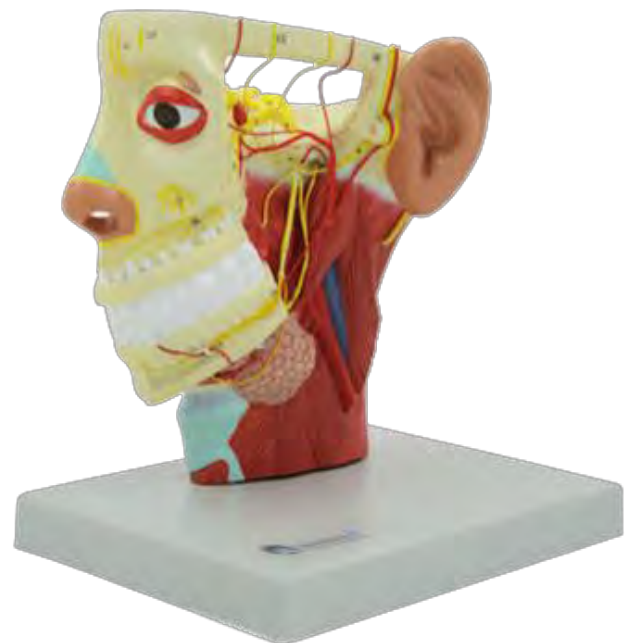
This life size model shows the distribution of superficial branches of the cervical plexus.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 40*11*28 cm

Weight : 2100 g

ESB51144



Diseased Prostate Glands

This model illustrates the pathway of the left external carotid artery, encompassing its collateral and terminal branches.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 20*15*20 cm

Weight : 600 g

ESB51206



Disc Head Model

This life-size head model is sliced horizontally into 12 pieces, simulating the process of computer tomography and magnetic resonance imaging. Each slice is rotatable and removable, allowing for detailed examination of anatomical structures with high accuracy. All structures, including muscles, nerves, brain gyri, and sulci, are numbered and identified in the accompanying manual. The model is securely mounted on a base and stand, providing stability for educational or display purposes.
 Dimensions : 25*18*24 cm
 Weight : 3000 g

ESB51209



Frontal And Median Section Of Head (Relief Model)

This life-size representation offers a detailed view of both the superficial and internal structures of the head and neck. Through a comparison between frontal and median sections, it provides a comprehensive understanding of the anatomical features of the head and neck region. The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 53*38*6.5 cm
 Weight: 1600 g,

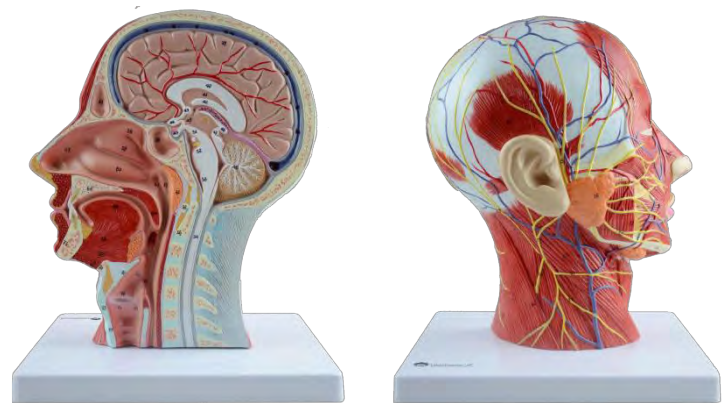
ESB51211



Sagittal Section Of Human Head

This life-size representation is a relief model showcasing both superficial and internal structures of the head and neck. It offers a comprehensive view of all relevant anatomical features with intricate detail. The model is securely mounted on a base, providing stability for educational or display purposes.

ESB51210



Half Head Model

Life size model shows the right half of the human head and neck, sectioned along the sagittal plane. A superficial dissection exposes the facial muscles, the superficial blood vessels and nerve branches of the face and scalp, the parotid and submandibular glands. A median dissection expose the brain with its internal structure, the pharynx and upper respiratory tract, a section of the cervical vertebrae. The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 23*18*27.5 cm
 Weight : 850 g

ESB51146





Brain Model With Artery ,Life Size

This extremely realistic life size brain model can be divided into 9 parts showing the temporal and occipital lobes, the frontal and parietal lobes, the cerebellum, the brain stem and the basilar artery. All structures, including blood vessels, are shown in great detail

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*16*17 cm

Weight : 2000 g

ESB51149/2



Brain Model With Artery ,Life Size

This extremely realistic life size brain model can be divided into 9 parts

showing the temporal and occipital lobes, the frontal and parietal lobes,

the cerebellum, the brain stem and the basilar artery. All structures,

including blood vessels, are shown in great detail

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*16*17 cm

Weight : 2000 g

ESB51149



Right Brain Model

A life size half brain model along the sagittal plane. It shows the right cerebrum, cerebellum section, brain stem section and blood vessels.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*14*16.5 cm

Weight : 370 g

ESB51148



Brain Model With Functional Region Painted

Life size brain with distinct colour coding for the following regions: frontal lobe, parietal lobe, occipital lobe, temporal lobe .motor cortex,

somatosensory cortex, limbic cortex, cerebellum, brain stem.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19.8*16.5*14.5 cm

Weight : 1400 g

ESB51150



Right Brain Model With Functional Region Painted

A life size half brain model with distinct colour coding for the following

regions: frontal lobe, parietal lobe, occipital lobe, temporal lobe, motor

cortex, somatosensory cortex, limbic cortex, cerebellum, and brain stem

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*14*16.5cm

Weight : 370g

ESB51151



Deluxe Brain Model, 1.5 Times Enlarged

A life size half brain model with distinct color coding for the following regions: frontal lobe, parietal lobe, occipital lobe, temporal lobe, motor cortex, somatosensory cortex, limbic cortex, cerebellum, and brain stem

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 36*23*20cm

Weight : 2500g

ESB51153



Brain Model 4d

A life size half brain model with Artery with distinct color coding for the following regions: frontal lobe, parietal lobe, occipital lobe, temporal lobe, motor cortex, somatosensory cortex, limbic cortex, cerebellum, and brain stem .

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 9*9*8cm

Weight : 200g

ESB51152



Brain Model, 9 Parts, Life Size

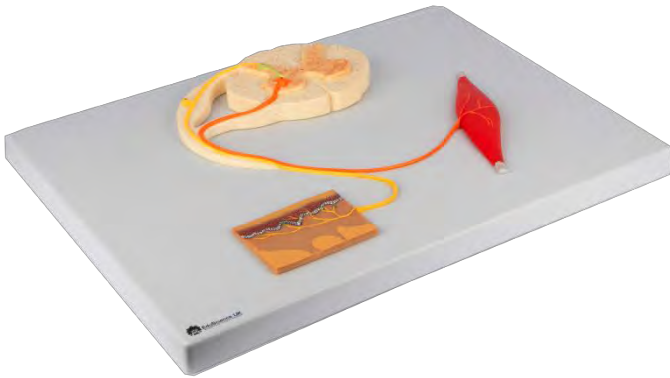
This extremely realistic life size brain model can be divided into 9 parts showing the temporal and occipital lobes, the frontal and parietal lobes, the cerebellum, the brain stem and the basilar artery. All structures are shown in great detail.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*16*17cm

ESB51154





Reflex ARC

This model illustrates the sensory, neural, and motor elements of a somatic reflex arc.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 53*38*5.5 cm

Weight : 450 g

ESB51270



Basal Nuclei And Internal Capsule

This model serves as a fundamental aid for studying human deep neuroanatomy. Enlarged significantly and composed of two parts, it provides clear visualization of key anatomical structures such as the caudate nucleus, the lentiform nucleus, and the genu of the internal capsule. False colors are used to enhance differentiation. Additionally, the main structures are numbered and correspond to an accompanying manual for easy reference and study.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 12*12*12 cm

Weight : 170 g

ESB51271



Brainstem Enlarged 3 Times Model

This single-piece model serves as a crucial aid for comprehending the deeper anatomy of the brain. Enlarged three times its natural size, it provides a detailed representation of all neurological tracts, exiting cranial, and peripheral nerves. The principal anatomical structures are numbered and identified on the accompanying manual, facilitating easy reference and study.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 25.5*18*15 cm

Weight : 800 g

ESB51272



Brainstem, Cerebellum And Fourth Ventricle

This life-size model can be separated into three parts: the Cerebellum and Brainstem, which are longitudinally sectioned to reveal the insertions of the cranial nerves and inner anatomy. Each structure is numbered and identified on the accompanying manual for easy reference and understanding.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 21.5*13*13.5 cm

Weight : 380 g

ESB51273



Transparent Cerebral Ventricles With Base

Transparent model would allow for clear visualization of the ventricles, facilitating educational purposes or medical discussions. Such models can be used in various settings including medical schools, neuroscience research labs, hospitals, and patient education. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51267



Spinal Cord And Nerve Model

These models are commonly used in medical schools, anatomy labs, and healthcare settings to aid in the teaching and learning of spinal cord and nerve anatomy, as well as for patient education purposes. They can help students and healthcare professionals better understand the complexities of the nervous system and its role in the body.

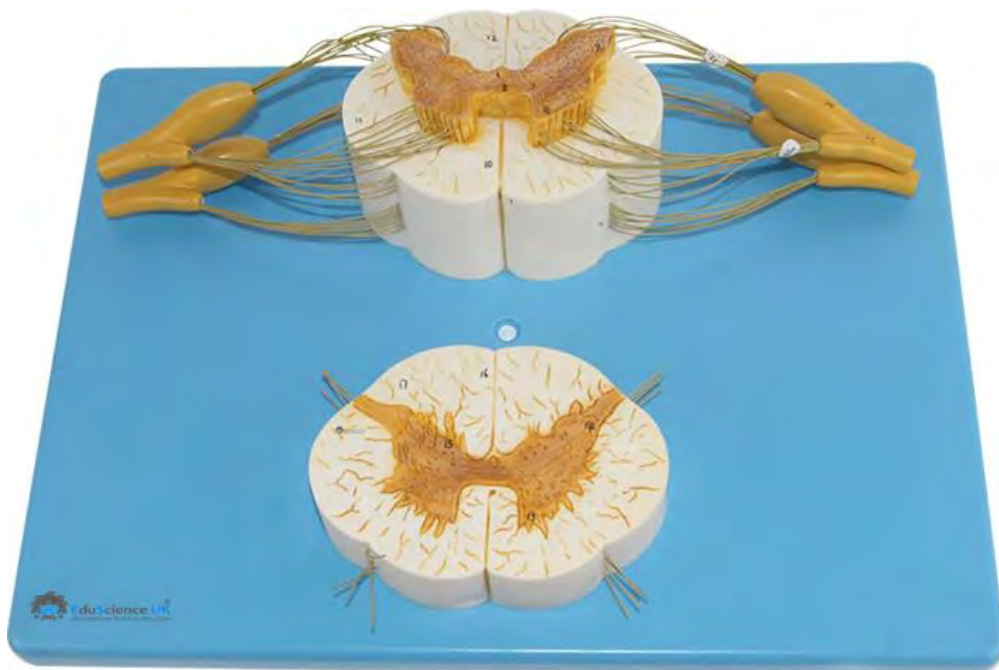
This is enlarged spinal cord and nerve model. With a manual on the base.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : \$, t& t% Vd

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ESB51268



Spinal Cord With Nerve Branches

This model depicts the anatomy of the spinal cord and nerves, enlarged to five times their natural size. The model is securely mounted on a base, providing stability for educational or display purposes.

ESB51269





Ventricles and Basal Nuclei Model

This life-size model is an important tool to study the topography of the cerebral ventricles related to the basal nuclei. All the different structures are reproduced in great detail

Dimensions : 9.5*9*7.5 cm
Weight : 130 g

ESB51156



Cerebellum

4X life size. Human cerebellum is dissected to show details of internal organization ranches, the spinal ganglion and the blood vessels.

Dimensions : 18*14*16.5 cm
Weight : 370 g

ESB51148

NEW



5th Cervical Vertebrae,7 Times Enlarged

7X life size. This model shows in great detail the structure of the 5th cervical vertebra; a transverse section of the spinal cord with grey and white matter, the nerve branches, the spinal ganglion and the blood vessels.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 40*26*9 cm
Weight : 710 g

ESB51158



Diencephalon Model

This 4-part model, 5X life-size, shows the human diencephalon: all the main parts of thalamus, epithalamus, metathalamus and hypothalamus are represented in great detail. The hypothalamic nuclei are displayed in different colours; the thalamus is removable and divisible into two parts to show the inner anatomy

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 25*18*24.5 cm
Weight : 1600 g

ESB51155





Brainstem And Nuclei Of The Hypothalamus

This 4-part model, enlarged to 2 times life size, provides a detailed representation of the human brainstem and hypothalamus. The brainstem is sectioned to reveal the hypothalamic nuclei, while the thalamus is removable and can be divided into two parts for inner examination. Additionally, the insertions of the cranial nerves are clearly recognizable on the surface of the brainstem.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 21.5*13*13 cm

Weight : 420 g

ESB51277



Thalamus 7 Parts

This 7-part model, enlarged to 5 times life size, showcases the various functional areas of the thalamus in distinct colors. This color differentiation ensures a clear distinction between the different nuclei of each structure, aiding in the study and understanding of thalamic anatomy and function.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*13*13 cm

Weight : 720 g

ESB51276



Thalamus 5 Parts

This model, enlarged to 5 times life size, is dissected into 5 parts. Each part delineates various functional areas with separate colors, allowing for a clear distinction between the different nuclei of each structure.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*13*13 cm

Weight : 720 g

ESB51275



Thalamus 2 Parts

This 2-part model, enlarged to 5 times life size, showcases the various functional areas of the thalamus in distinct colors. This color differentiation allows for a clear distinction between the different nuclei of each structure, aiding in the understanding of thalamic anatomy and function.

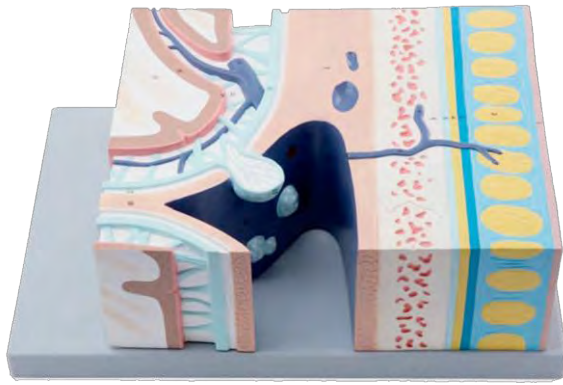
The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*13*13 cm

Weight : 720 g

ESB51274





Cranial Layers

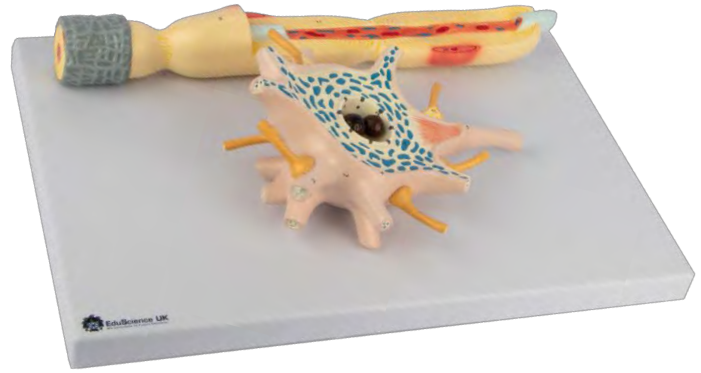
Enlarged several times, this model depicts the stratification of the human cranium, revealing intricate details of internal structures from the skin to the cerebral white matter.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 40*26*2.5 cm

Weight : 1750 g

ESB51278



Neuron Model,2500 Times Enlarged

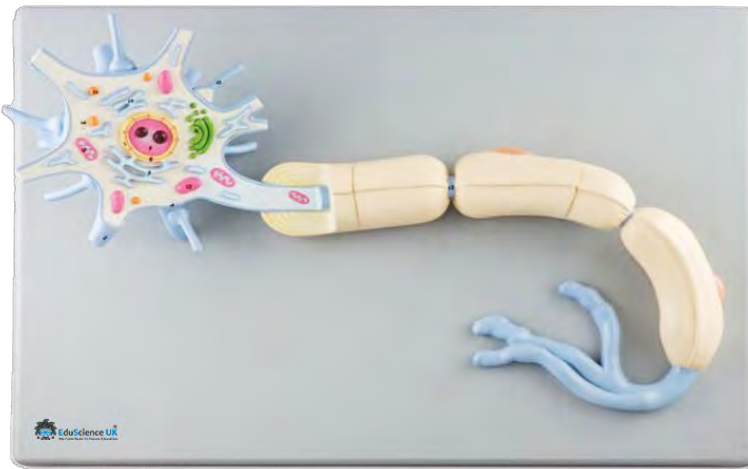
Magnified to 2,500 times life size, this typical myelinated neuron shows all the internal cellular structures. The neuron model displays the cell body, and the myelin sheath with nodes of Ranvier and Schwann cells can be revealed by removing a part of the dendrite.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 42*32*12 cm

Weight : 1500 g

ESB51157



Neuron,2 Parts

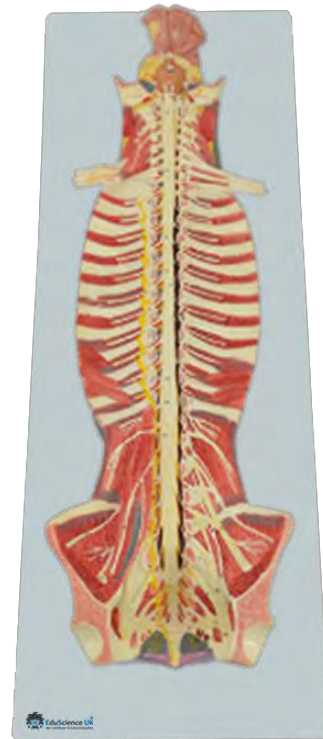
This item, magnified 2,500 times, provides a detailed display of the structure of a typical neuron. The sectioned soma reveals all internal cellular organs, including the nucleus, Golgi complex, smooth and rough endoplasmic reticulum. Additionally, the dendrite can be opened into two parts to reveal internal structures such as the Schwann cell and myelin sheath.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 53*38*6 cm

Weight : 1100 g

ESB51264



Spinal Cord In The Spinal Canal Model

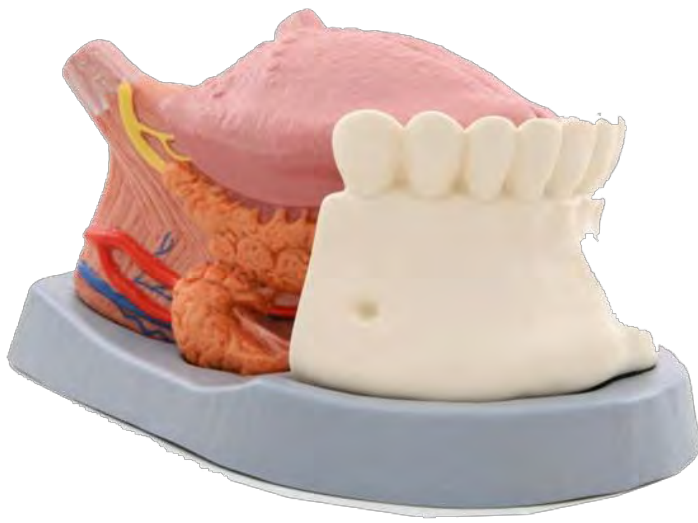
This model displays the brain, cerebral nerves, spinal cord, and spinal nerves.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 42*32*12 cm

Weight : 1500 g

ESB51265



Half Tongue, 2.5 Times Life Size , 3 Parts

This model is a 2.5 times enlarged representation of the human tongue, consisting of three parts.

The model is securely mounted on a base, providing stability for educational or display purposes.

ESB51196

Tongue And Tongue Tissue

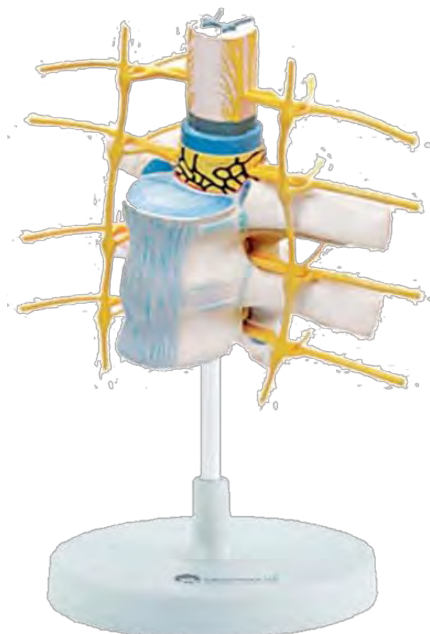
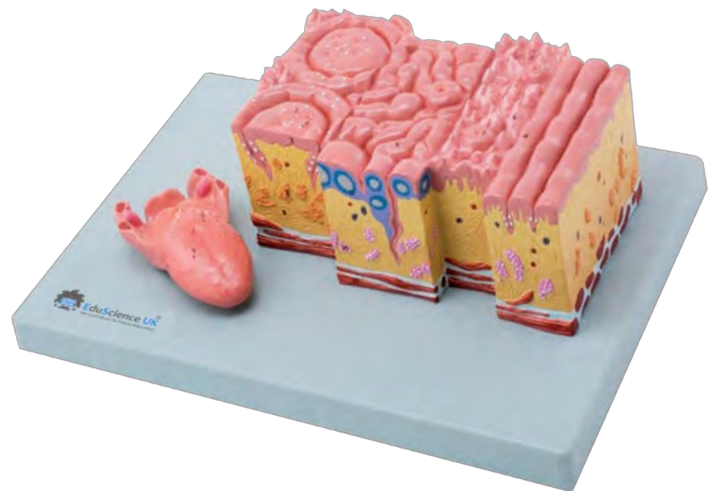
This 4-part model, enlarged to 2 times life size, provides a detailed representation of the human brainstem and hypothalamus. The brainstem is sectioned to reveal the hypothalamic nuclei, while the thalamus is removable and can be divided into two parts for inner examination. Additionally, the insertions of the cranial nerves are clearly recognizable on the surface of the brainstem.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 33*23*15 cm

Weight : 750 g

ESB51195



Thalamus 2 Parts

This 2-part model, enlarged to 5 times life size, showcases the various functional areas of the thalamus in distinct colors. This color differentiation allows for a clear distinction between the different nuclei of each structure, aiding in the understanding of thalamic anatomy and function.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*13*13 cm

Weight : 720 g

ESB51266





Eye Model,6 Times Enlarged

6Time life size. The model can be dissected on the horizontal plane to show internal details. Cornea, iris, lens, and vitreous body can be removed. Muscular attachments on the sclera and part of the choroid are also shown.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*16*26 cm,

Weight : 1400 g

ESB51161



Eye Model,3 Times Enlarged

3 time life size. The model can be dissected on the horizontal plane to show internal details. Cornea, iris, lens, and vitreous body can be removed. Muscular attachments on the sclera and part of the choroid are also shown.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Size : 12*13*13 cm

Net weight : 400 g

ESB51160



Eye Model,6 Times Enlarged

This is a 6-part model of the human eye, enlarged 6 times its natural size.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18.5*18*16. 5cm

Weight : 675 g

ESB51214



Eye With Orbit,4 Parts

This model, enlarged to 5 times life size, depicts the eyeball with optic nerves and muscles positioned naturally within the bony orbit. The removable parts include:

Rectus lateralis muscle

Levator palpebrae superioris muscle together with the lacrimal gland

Eyeball with extrinsic eye muscles

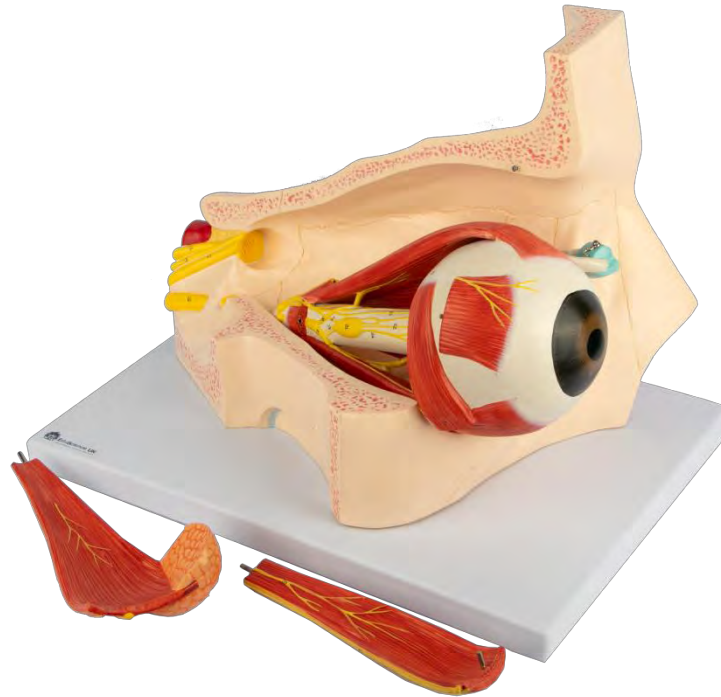
Base of the bony orbit

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 10*26*31.5 cm

Weight : 2850 g

ESB51215



Eye With Orbit, 11 Parts

This 5X life-sized model depicts the eyeball with optic nerves and muscles positioned naturally within the bony orbit. The eyeball is dissected into two removable halves, allowing for full exposure of internal structures. The removable parts include:

Ornea, iris, lens, and vitreous body (4 parts) ; Three different muscles: rectus bulbi ; Levator palpebrae superioris muscle together with the lacrimal gland
 Eyeball with extraocular muscles (2 parts) Base of the bony orbit

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 40*26*31.5 cm

Weight : 1300 g

ESB51216



Eye With Orbit, 13 Parts

This 13-part model, enlarged approximately 2.5 times life-size, illustrates the anatomy of the human eye. The orbit can be opened into three parts to reveal internal structures, including: Eyelid with lacrimal gland and duct ; Muscles (4 parts) ; Eyeball dissected into two removable halves ; Cornea, iris, lens, and vitreous body (3 parts)

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 21*20*24 cm

Weight : 2000 g

ESB51217





Enlarged Auditory Bone, Tympanic Membrane, Cochlea, 3 Parts

This model, comprising three parts, includes representations of the inner ear, auditory ossicles, and tympanic membrane. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51221

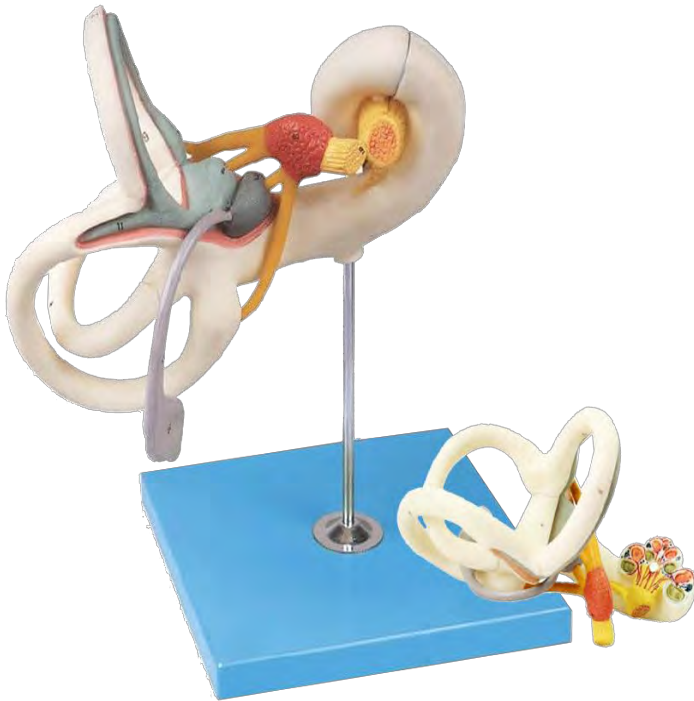


Labyrinth, 2 Parts

This labyrinth model, enlarged about 18 times, consists of 2 parts. The superior semicircular canal and vestibule are open, revealing the saccule and utricle.

Dimensions : 32*21.5*14.5 cm
Weight : 1000 g

ESB51223



Labyrinth Model

This labyrinth model features an open superior semicircular canal and vestibule, providing a view of the saccule and utricle. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Weight : g

ESB51222

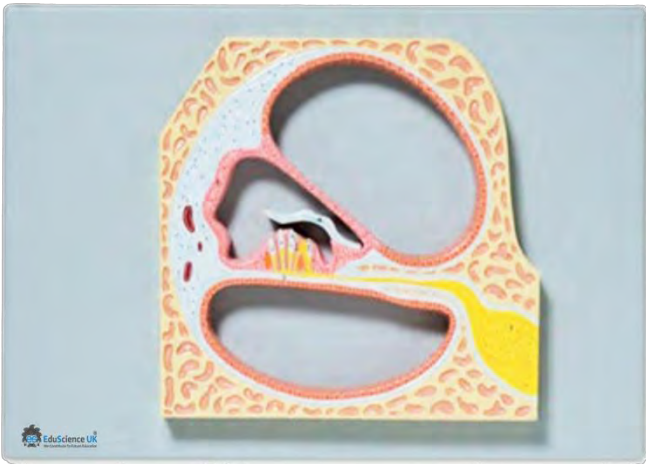


Organum Spirale

The Organum Spirale model, enlarged to 350 times life size and composed of 5 parts, showcases a three-dimensional section of the cochlear duct, tectorial membrane, basilar membrane, and vestibular membrane. It accurately represents the organ of Corti, including the cellular acoustic receptors responsible for transforming sound vibrations into electric signals.

Dimensions : 10*26*31.5 cm
Weight : 2850 g

ESB51224



Cochlea And Corgi's Organ

This model is designed for studying the mechanism of sound propagation. It displays magnified sections of the cochlea and the organ of Corti, which includes detailed representations of hair cells, the tectorial membrane, and the basement membrane. The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 40*26*2.5 cm
Weight : 1250 g

ESB51225



Ear Model,3 Parts, 3 Times Enlarged

3X life size. The model shows details of the external, middle and inner ear. The eardrum with malleus, incus and stapes are removable. The other removable part is composed of the cochlea and labyrinth with vestibular and cochlear nerves. The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 23*23*34 cm
Weight : 1300 g

ESB51162



Ear Ossicles

This model depicts the malleus, incus, and stapes, which are the ear ossicles, enlarged approximately 20 times their natural size.

Dimensions : 21*14.5*31 cm
Weight : 480 g

ESB51226



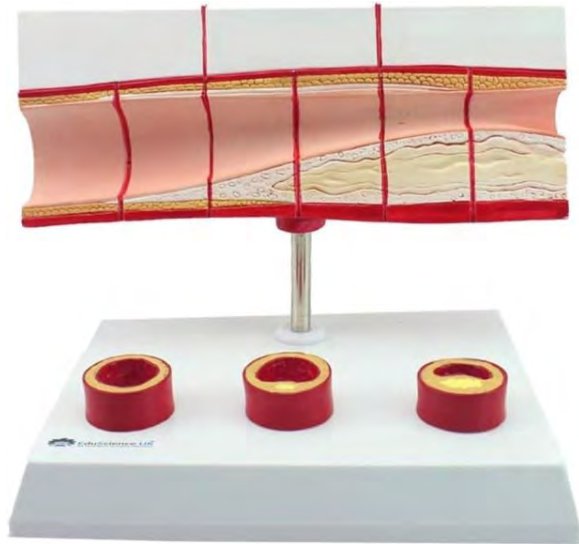
Ear Model,5 Parts, 3 Times Enlarged

3X life size. Te model shows the external, middle and inner ear. The eardrum with malleus, incus and stapes are removable. The other removable parts are composed of: cochlea and labyrinth with vestibular and cochlear nerves, 2 bone sections that define the middle and inner ear. The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 23*23*34 cm
Weight : 1300 g

ESB51163





Arteriosclerosis Model with Thrombus

This model demonstrates the process of vascular disease. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51230

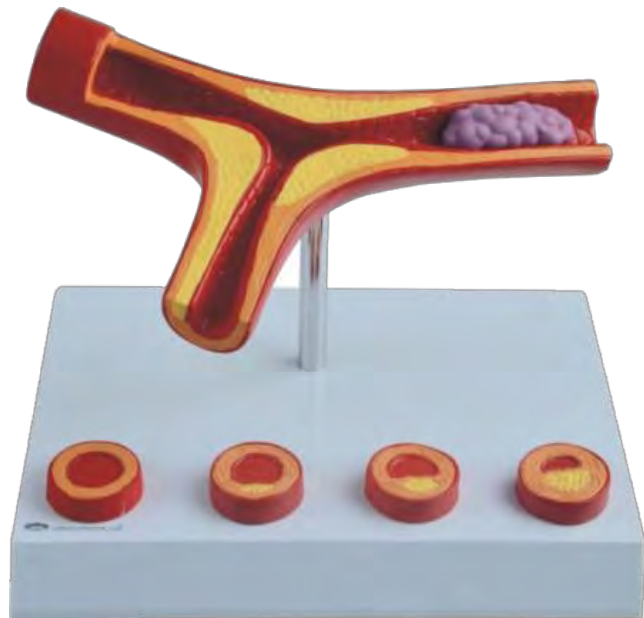


Indirect Inguinal Hernia

This half-life size model depicts the medial and sagittal section of the male human pelvis with an indirect inguinal hernia. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*9*12.5cm
Weight : 220 g

ESB51236



Arteriosclerosis Model With Thrombus

Atherosclerosis is the most common acquired disease of arteries in developed countries. This pathology. Characterized by thickening of the arterial walls with subsequent loss of elasticity, is associated with the build up of plaque (mainly cholesterol) in the arterial lumen. This model, approximately 10X life size, shows the atheromatous plaque in various pathological stages along with local intra vascular clotting (thrombosis) due to the arterial narrowing.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 6.5*12.5*16.5 cm
Weight : 300 g

ESB51164



Heart With Vessel 4 Satges

This is a life-size model of the normal human heart. The anterior heart wall can be removed for internal examination. Additionally, there are four staged vessels on the base.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*14*23 cm
Weight : 450 g

ESB51240





Pathological Model Of The Lung

This 1-part, 2/3 life size model illustrates some of pathologies of the pulmonary stem caused by microbial infections (lung abscess, pneumonia and tuberculosis). The surface of the model is black to show the visible effect of smoking. A cancerous tumour is also shown with excellent detail. All pathologies are showed separately in the model with a realistic representation of their morphology.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 11*11*20 cm,
Weight : 290 g

ESB51179



Pathological Model Of Renal Calculus

This model represents a pathological condition known as renal calculus, commonly referred to as a kidney stone.

The model is securely mounted on a base, providing stability for educational or display purposes.

ESB51237



Pancreas , Gallbladder,Spleen Model

Full size model shows pancreatic cancer, the gallbladder with stones, a ruptured spleen and duodenal ulcer.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 12*19*24 cm
Weight : 500 g

ESB51108



Four Staged Vessels Model

Four-stage cross-section of an artery demonstrating progressive atherosclerosis in which the narrowing of the artery is due to a build up of fatty tissue (cholesterol) and plaque shown in. Shown in four stages: normal artery, fatty streak, fibrous plaque, and blockage. The stages cause a decrease in blood flow, which can lead to a blood clot or thrombus. All stages rotate on hinge pin.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*14*5 cm
Weight : 400 g

ESB51165





Diseased Nose And Throat (Quinsy)

This pathological model depicts the human nose and throat, focusing on the condition known as quinsy. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51241



Pathological Model Of Renal Calculus

This is a pathological model depicting renal calculus, commonly known as a kidney stone. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 32*21.5*14.5 cm

Weight : 1000 g

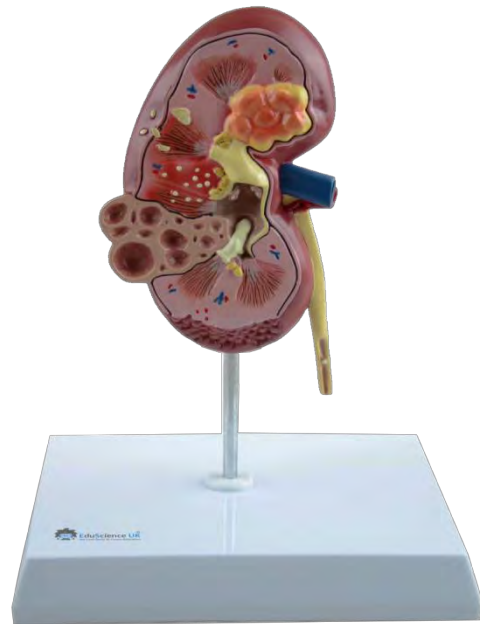
ESB51238



Diseased Nose And Throat (Rhinitis)

This labyrinth model features an open superior semicircular canal and vestibule, providing a view of the saccule and utricle. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51242



Diseased Kidney Model

This oversized two-sided kidney model has a normal anatomy cutaway on one side and a diseased anatomy cutaway on the other side depicting: infection, scarring, atrophy, urinary (kidney) stones, tumor, polycystic disease, hypertension effects. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions :16.5*13*21 cm

Weight : 370 g

ESB51171





Diseased Breast

This is a pathological model representing the human breast.
 Dimensions : 20*12*14 cm,
 Weight : 700 g

ESB51244



Diseased Uterus

This life-size model, sectioned along the frontal plane and divided into two pieces, displays the most significant pathologies of the female reproductive system. It features four types of fibroid tumors (intramural, subserous, submucous, and broad ligament myoma) in their appropriate locations. Additionally, it shows endometrial carcinoma and carcinoma of the cervix. Other pathologies depicted include uterine polyps, salpingitis, oophorocystosis, endometriosis, and candidal vaginitis. The model is securely mounted on a base and stand, providing stability for educational or display purposes.

Dimensions : 25*12*14 cm
 Weight: 700 g

ESB51247



Diseased Breast Model

Full size cross-section model depicts common pathologies such as adenocarcinoma, cysts, fibroadenoma, and infiltrating scirrhous carcinoma.

Model also shows breast structures such as suspensory ligaments, fat tissue, lymph nodes, muscles, and ribs.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 21*15*10 cm
 Weight : 500 g

ESB51172



Diseased Uterus / Uterus-Ovary Model

Full size cross-section model illustrates multiple pathologies, some of which include: adhesions, carcinoma in four common areas, cysts, endometriosis, fibroids - PEDunculated fibroid tumour, polyps and salpingitis.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 24*12*20 cm
 Weight : 600 g

ESB51173



Pathological Model Of The Male Urogenital System

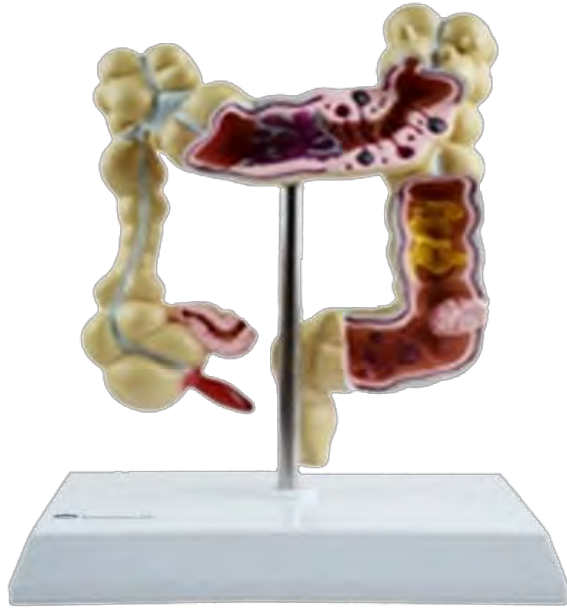
This life-size 2-part model depicts the internal structure of the male urogenital system, showcasing specific pathologies. These include gallstones, diverticulum, cancer of the urinary bladder, and sexually transmitted diseases such as condyloma acuminatum and gonorrhoea. Additionally, the model features the rectum and anus, exhibiting mixed hemorrhoids and carcinomas.

model is securely mounted on a base and stand , providing stability for educational or display purposes.

Dimensions : 15*18*8 cm
 Weight : 800 g

ESB51248





Diseased Large Intestines Model

Cut-away view model with the following common pathologies: adhesions, appendicitis, bacterial infection, cancer, Crohn's disease, diverticulitis, diverticulosis, polyps, spastic colon, and ulcerative colitis.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 19*15*23 cm

Weight : 700 g

ESB51174



Pathological Model Of Colon And Rectum

This half-life size model depicts various pathologies of the colon and rectum. In the descending colon region, adhesion and cancer are accurately represented, while other pathological conditions include inflamed appendix, intussusception, Crohn's disease, ulcerative colitis, and adenocarcinoma. The rectum exhibits an ulcerative form of rectal cancer.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 18*15.5*29 cm

Weight : 480 g

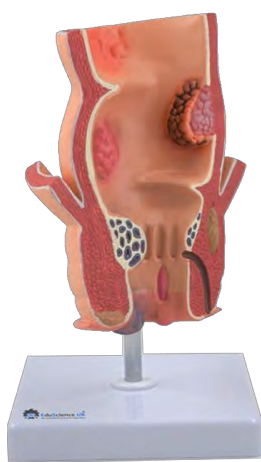
ESB51249



Diseased Stomach, Model

This one-piece life-size model illustrates the most common pathologies of the stomach, including ulcerated gastric cancer, pyloric stenosis, gastric ulcer, chronic atrophic gastritis, hiatal hernia, bleeding gastritis, and carcinoma. All pathologies are represented in high detail for comprehensive study and understanding. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51231



Pathological Model Of The Rectum

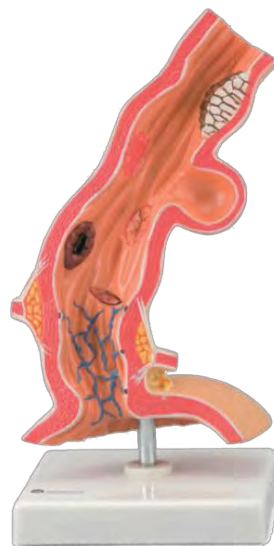
This 1-piece model, approximately 5X life size, shows various pathologies of the rectum and anus. Common anorectal conditions, including haemorrhoids, anal fistula and fissures and 2 types of abscesses are shown in great detail. The model also illustrates ulcerative colitis, polyps and rectal carcinoma.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*12*24 cm

Weight : 200 g

ESB51185



Pathological Model Of Esophagus

This model, enlarged to 5 times life size, displays the esophagus in longitudinal section, revealing common pathologies. These pathologies include ulcers (two types), erosions caused by acid reflux, diverticula, varicosities, and esophageal cancer.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*11*25 cm

Weight : 160 g

ESB51250





Diseased Brain

This is a pathological model representing the human brain. The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 21*15*10`cm
Weight : 500`g

ESB51251



Pathological Model Of The Liver

This 1/3 life size model is divided into 2 parts; the following diseases are represented with great detail and realism: - Viral hepatitis - Liver abscess

- Fatty liver - Cirrhosis - Liver cancer - Gallstones All the pathologies are showed separately in the model with a realistic representation of their morphology.

The model is securely mounted on a base and stand, providing stability for educational or display purposes.

Dimensions : 11*11*16`cm
Weight : 240`g

ESB51181



Pathological Model Of Bronchial

This 10X life size, 1-part model, shows 2 pathologies of the bronchi (bronchitis and bronchitics), referring to an inflammation and an abnormal chronic dilatation of one or more of the bronchi, respectively.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 11*11*20.5`cm
Weight : 240`g

ESB51180



Pathological Model Of The Pancreas ,Duodenum And Gallbladder

This life size model is a representation of the most important diseases of the gallbladder, pancreas and duodenum.

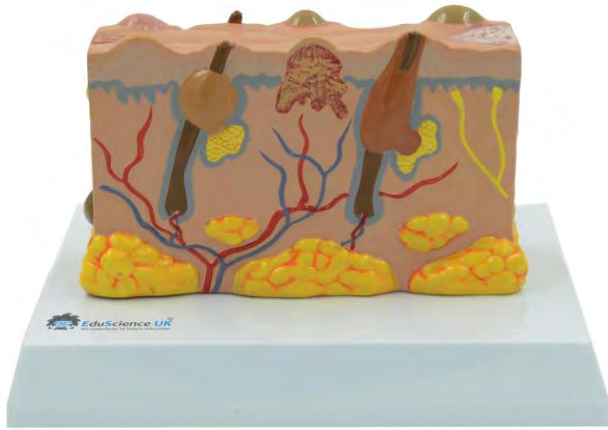
The gallbladder, partially opened, shows the stones located in various locations, cholecystitis, polyposis and carcinoma. Diseases of the pancreas include pancreatitis in the pancreas tail and cancer in the pancreas head. Also included is a section of the duodenum with a duodenal ulcer.

The model is securely mounted on a base and stand, providing stability for educational or display purposes.

Dimensions : 17*11*11`cm
Weight : 280`g

ESB51182





Pathological Model Of Burned Skin

This model, approx. 30 times enlarged, compares normal skin with first, second and third degree burnt skin, showing also the subsequent pathological changes. The first level of injury shows scarf skin hurt and erythema; the second one includes hypodermic skin hurt and vesicles, the third one reveals a subcutaneous damage.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*14*7.5 cm

Weight : 360 g

ESB51183



Normal and Diseased Prostate Gland

This is an excellent educational tool for studying common prostate pathologies. The model consists of three prostate sections, including the rectum and urinary bladder. The first model shows the internal and external structures of a normal prostate. The second one illustrates benign prostatic hyperplasia, characterized by variable fibromuscular and epithelial predominance. The third model illustrates prostatic adenocarcinoma.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 20*15*17 cm

Weight : 580 g

ESB51175



Pathological Model Of The Skin

This model approximately 30X life size, features, on the one side, detailed and realistic depictions of closed and open acne lesions, 2 primary lesions (papule and macule), 1 deeper lesion (nodule) and an abrasion. On the other side the model shows cyst, fissure, pustule, ulcer, scale and blister. All the pathologies are showed separately in the model with a realistic representation of their morphology.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 18*14*11.5 cm

Weight : 340 g

ESB51184



Thyroid Diseases Model - 4 Parts

This model is composed by 2 thyroid models divided four ways. The first thyroid illustrates the Graves autoimmune disease, the most common cause of hyperthyroidism. The other model shows thyroid adenoma and carcinoma as compared to the normal right side of the thyroid.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 20*18*12 cm

Weight : 1000 g

ESB51176



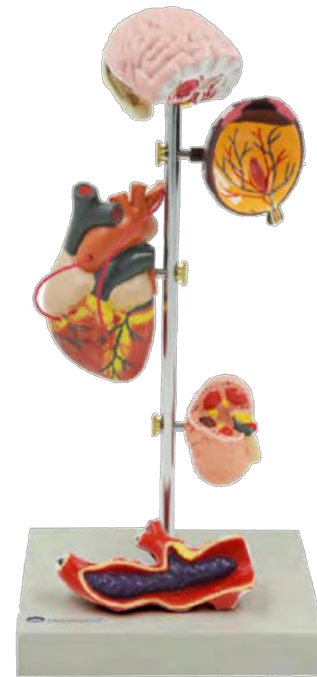


Diabetes Model

This model shows the effects of diabetes on eye, heart, kidney and foot. The organs can be rotated for a detailed examination. The model is securely mounted on a base and stand, providing stability for educational or display purposes.

Dimensions : 18*14*35 cm

ESB51186



Hypertension

This model demonstrates the effects of hypertension on various organs including the brain, eye, heart, kidney, and artery. The organs are designed to be rotatable for detailed examination. It is mounted on a base with a stand.

The model is securely mounted on a base and stand, providing stability for educational or display purposes.

Dimensions : 33*24*10 cm

Weight: 1000 g

ESB51256



Diabetes

These miniature models depict various organs and structures including the brain, eye, heart, kidney, artery, pancreas, neuron, and foot. They are used to illustrate different pathological conditions associated with diabetes, including stroke, ocular pathology, hypertensive heart disease, hardening of the kidney, hardening of the arteries, insulin resistance, neuropathy, and foot ulcerations.

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

ESB51255



Nephron Diseases

This 300X life-size model comprises two renal corpuscle sections: the first illustrates the anatomy of a healthy glomerulus, while the second highlights the significant glomerular pathologies associated with hypertension. These pathologies include afferent arteriole arteriosclerosis, changes in vascular caliber, endothelial cell alterations, and the consequent increase of plasma proteins in the urine. All details are represented in high detail for comprehensive study.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 20.5*15*6.5 cm,

Weight : 110g

ESB51257



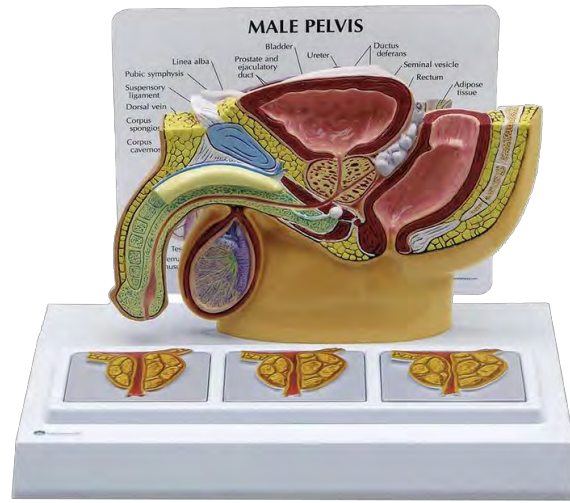


Ear Diseased 1.5 Life Size

This 1.5X life-size model illustrates the most common pathologies affecting the outer, middle, and inner ear. It features representations of mucus and secretory otitis media at the level of the Eustachian tube, along with detailed depictions of cholesteatoma and eczema. Additionally, the model includes additional reliefs showcasing a comparison of three different eardrums: a healthy eardrum, one exhibiting a perforation, and another displaying bullous meningitis. The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 14*10.5*17 cm,
Weight : 188 g

ESB51258



Male Pelvis With 3D Prostate Frame

This model is a reduced-size representation, featuring a mid-sagittal section of the male pelvis. The base of the model includes three 3-dimensional cross-sections of the prostate gland. These sections illustrate different stages (normal, moderate, advanced) of BPH (Benign Prostatic Hyperplasia/Enlarged Prostate). The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 22.5*16*14 cm
Weight : 660 g

ESB51260

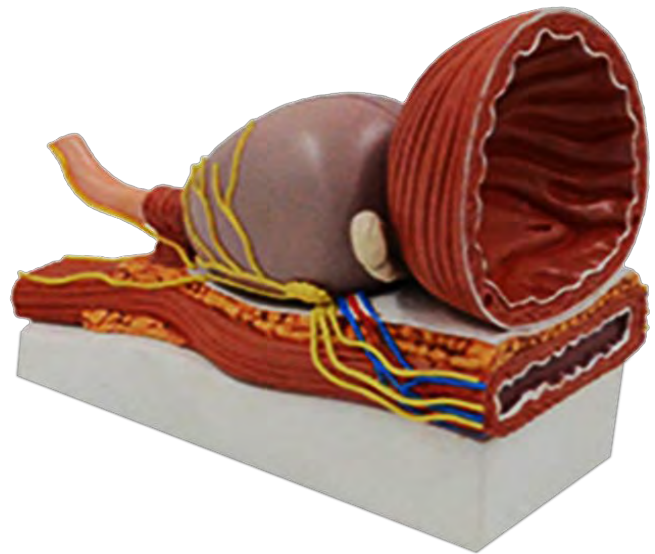


Osteoporosis Model Life-size

This life-size model features three vertebrae: one healthy vertebra, one vertebra with pathological changes at the first stage, and another vertebra with pathological changes at an advanced stage. The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 12*12*11 cm
Weight : 1000 g

ESB51259



Diseased Prostate Glands

This model is composed by 2 thyroid models divided four ways. The first thyroid illustrates the Graves autoimmune disease, the most common cause of hyperthyroidism. The other model shows thyroid adenoma and carcinoma as compared to the normal right side of the thyroid.

The model is securely mounted on a base, providing stability for educational or display purposes.

ESB51261





3 Lumbar Vertebra With Hernia

This life-size model displays three lumbar vertebrae accompanied by spinal nerves, dura mater, and two intervertebral discs affected by lateral and medial herniation. It provides a detailed view of the two pathological intervertebral discs, showcasing the correct positioning of both types of hernias. Mounted on a base with a stand,

Dimensions : 20*17*21 cm

Weight : 600 g

ESB51363



2 Lumbar Vertebra With Hernia

This life size model shows 2 lumbar vertebrae with spinal nerves, dura mater and an inter-vertebral disc affected by medial hernia. On the base you can see in high detail 2 pathological inter-vertebral discs with the correct position of medial and lateral hernia.

Dimensions : 12*12*14 cm

Weight : 300 g

ESB51066



4-Stage Vertebrae Model

Set of four, full size two-piece vertebrae models - one each of the following conditions: normal, (bulging) herniated disc, bone and disc degeneration, and advanced osteoporosis with marked bone compression and bone spurs.

Dimensions : 18*15*14 cm,

Weight : 800 g

ESB51167



4-Stages Diseased Vertebra Model

4-Stage Vertebrae Model Set of four, full size two-piece vertebrae models one each of the following conditions: normal, herniated disc, bone and disc degeneration, and advanced osteoporosis with marked bone compression and bone spurs.

Dimensions : 28*16*10 cm,

Weight : 1000 g

ESB51166





Micro Anatomy Of Artery & Veins

The model shows a medium-sized muscular artery with two adjacent veins from the ante-bronchial area with adjoining fat tissue and muscle enlarged 14 times. The model illustrates the reciprocal anatomical relationship of artery and vein and the basic functional techniques of the venous valves ("valve function" and "muscle pump"). The left vein and the middle artery are fenestrated in the upper anterior segment, revealing the various layers of the wall structure in a cross and longitudinal section and in top view. The right vein is opened throughout in the anterior segment, revealing the orifice of a feeder vein and two venous valves, i.e. "flap valves" formed by a duplication of the tunica intima. On the rear of the model, the relief of two veins is shown to illustrate the functional aspect of the venous valves. This model mounted on a base.

ESB51191



Micro Anatomy Of Liver

This two part model shows a highly magnified diagrammatic view of a section of the liver. It illustrates the structure of the functional and structural components of the liver in two different enlargements. The left part of the model shows a section of the liver that comprises several liver lobules. The right part of the model is a highly magnified view of the sectional liver lobule on the left.

ESB51192



Micro Anatomy Of Eye

The model illustrates the microscopic structure of the retina with choroid and sclera. The left block-like, layered side of the model side shows the complete structure of the retina including the supplying vascular layer and parts of the sclera from a light microscopic view. The right part of the model is a sectional enlargement. It shows the microscopic structure of the photoreceptors and the cells of the pigmented layer.

ESB51190



Taste Discrimination

Can you taste it? Students explore their ability to taste four sensations: sweet, sour, salt, and bitter in a blind taste test. Students examine PTC inheritance, as well as their tendency to eat certain types of foods. An ideal biology lab for learning about genetic inheritance or for studying human anatomy. This kit features two lab experiments which can be completed in one hour or separated into two thirty minute activities. Required, but not included: dedicated lab-ware for measuring taste test substances, which may be consumed. Designed for 24 students working in groups of two. Grades 9-12

ESB51187

Taste Discrimination Refill

ESB51188



Cell Mitosis Model 8 Stages

This item is composed of 8 different pieces showing the main stages of the cell mitosis (prophase, metaphase, anaphase and telophase) at an enlargement of approx. 10000 times. During all stages you can observe the different characteristics of the cellular structures such as chromosomes, centrioles, spindle and nucleus. Every single piece is numbered to indicate the correct sequence of steps. The model is securely mounted on a base , providing stability for educational or display purposes.

ESB51391



Mitosis, Mounted Model-9 Stages

The eight separate stages of ESB51392 numbered , with key. 9 parts.

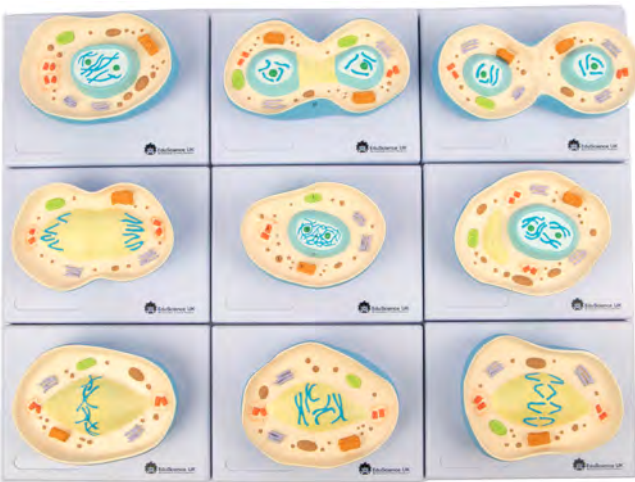
ESB51393



Mitosis (Mitotic Cell Division)

A robust plastic model showing eight stages of mitosis. The model is carefully coloured for maximum clarity and teaching value. Each stage is numbered and a key is attached. Base size 33*39cm.

ESB51392



Cell Mitosis Model

This item is composed of 9 different pieces showing the main stages of the mammal cell mitosis (prophase, metaphase, anaphase and telophase) at an enlargement of approx. 10000 times. During all stages you can observe the different characteristics of the cellular structures such as chromosomes, centrioles, spindle and nucleus. Every single piece is numbered to indicate the correct sequence of steps.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 33.5*23.5*29 (Each Piece)

Weight : 2050g

ESB51394



Meiosis (Reduction Division) Model

This unique and high-quality model illustrates the 10 stages of the process of Meiosis. Each stage is meticulously hand-painted and mounted on a perspex base for clear viewing and educational purposes

ESB51389



Meiosis,Unmounted Model

Showing the same ESB51389 ten distinct stages, each meticulously numbered and accompanied by a corresponding key for easy identification. This model comprises a total of 13 parts, providing a comprehensive understanding of the depicted process.

ESB51390

Cell Meiosis Model

This item is composed of 12 different pieces showing the main stages of the mammal cell meiosis (prophase I, metaphase I, anaphase I, telophase I, cytokinesis I, prophase II, metaphase II, anaphase II, telophase II and cytokinesis II) at an enlargement of approx. 10000 times. During all stages you can see the different characteristics of the cellular structures such as chromosomes, centrioles, spindle and nucleus. Every single piece is numbered to indicate the correct sequence of steps.

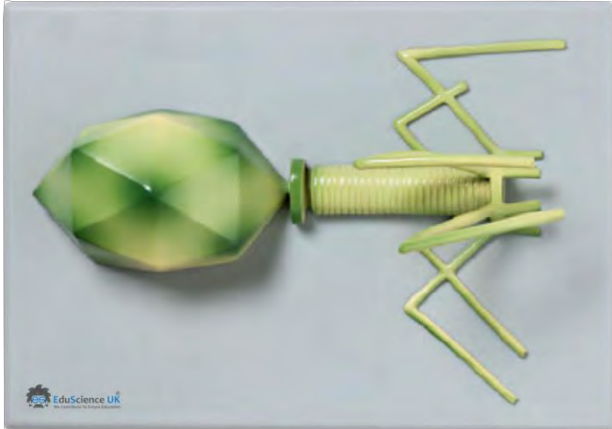
The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 41*32*21cm (Each Piece)

Weight : 2400g

ESB51388





Bacteriophage T4 Model

The structure of bacteriophage T4, a virus that attaches to the surface of the much larger bacterium *Escherichia coli*, is shown millions of times enlarged life size.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 28*28*28 cm

Weight : 2000 g

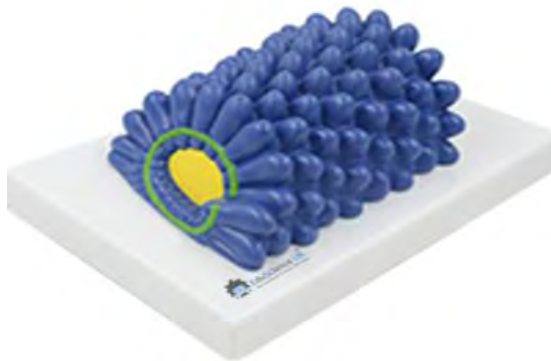
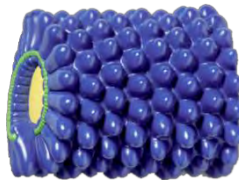
ESB51478



Aids Virus Model

An enormously magnified model of the HIV virus, showing the outer lipid membrane with protein structures and the internal RNA. The internal structure is removable. **Dimensions :** 18*13*13 cm

ESB51469



Tobacco Mosaic Virus Model

This model, enlarged millions of times, shows the capsid structure of the tobacco mosaic virus, including the viral genome (RNA).

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 20*15*9 cm

Weight : 80 g

ESB51476



HIV Virus Model

This model, enlarged millions of times, shows the structure of the HIV retrovirus, including the outer lipid membrane with protein structures and the internal nucleus containing the viral genome (RNA).

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 43*30*18 cm

Weight : 800 g

ESB51470

Adenovirus Model

This model shows the capsid structure of the adenovirus, enlarged millions of times. .

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 20*15*9 cm

Weight : 90 g

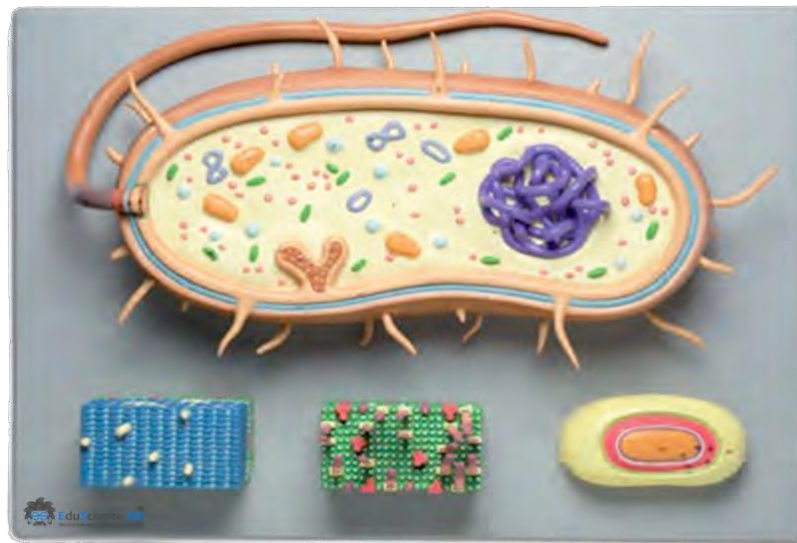
ESB51477

**Bacteriophage , Adenovirus Phage Virus HIV Virus Model**

This model features a design magnified up to 1 million times, providing intricate details of the typical anatomical structure and image characteristics of Bacteriophage, adenovirus, phage virus, and HIV. It serves as a rare and invaluable resource for microbiology learning and teaching. Crafted from durable PVC through meticulous handmade techniques, this model ensures longevity and robustness, making it highly suitable for in-depth research in human virology.

Weight : 3000 g

ESB5147ST

**Bacterium Model**

A complete tool for understanding the structure of the prokaryotic cell. This item, greatly enlarged, is composed of four models on the same base:

A cross-section of a general prokaryotic cell, illustrating typical structures as pili, flagella, inclusion body, plasmids and chromosome

Two schematic representations of the cell wall of Gram-negative and Gram-positive bacteria

A model of spore, partially cut away to show all its different layers, from the exosporium to the cytoplasmic membrane.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 55*38*15 cm

Weight : 3500 g

ESB51475





Dietary Chemical Assessment

The purpose of this kit is to provide students with the necessary tools for evaluating their own dietary requirements in a very scientific way. Students learn about sources of energy, proteins, vitamins, and minerals; and the functions of these nutrients within their bodies. They record their food intake over a three-day period. By using the food charts provided and internet resources, they determine their average daily caloric intake. Then they determine their basal metabolic rates and average energy expenditures over the three-day period. They also determine the number of calories they should obtain from carbohydrate, lipid, and protein sources to satisfy their energy expenditures based on the percentage of the total energy requirement each nutrient should supply. Finally, students compare their intake of vitamins and minerals to the recommended dietary allowances. From this information, students may identify and correct any dietary imbalances that occur and restructure their food intake. Grades 6-12

ESB51468



Food Calorimeter

The food calorimeter allows students to determine the amount of energy released through the burning of food. This easy to use method involves the measuring of the change in temperature of a sample of water from the combustion of a small amount of food. The included experiment introduces concepts in thermodynamics and leads to an understanding of energy and its relation to food consumption.

Supplied with instruction manual Kit includes: -125 ml Erlenmeyer flask - Cylindrical metal stand -Metal suspension-late - Cork and nail food sample holder - Rubber stopper

Skin Fold Calliper

Body fat tester designed to measure the thickness of a fold of skin with its underlying layer of fat. Convenient trigger operation with pistol- grip handle. Direct reading scale measures 0 to 85 mm and is accurate to 0.5 mm. Durable, accurate, and easily used by students. Complete instructions included.



ESB51467



ESB51472

Respirometer, Simple

The Simple Respirometer BFS 74 is an apparatus which is used to determine how much O₂ which consumed by insect or plants. Consisting of two main parts, viz.: a glass capillary pipe and a glass bottle. The capillary pipe has scale printed clearly, not easy fade. One end of the pipe is bigger and finely grinded, used as the connector to the bottle. The glass bottle is sized 40 ml, made of borosilicate glass which is used as the specimen container. The bottle neck is also finely grinded, so it makes strong connection and free of leakage when it is attached to the capillary pipe. The main part is mounted using clamps made of steel spring on a plastic base sized 400 x 50 cm.

ESB51433



Respirometer Simple

The apparatus consists of two stoppered boiling tube connected by three-way taps to either limb of graduated manometer. Complete with wire baskets for supporting organisms. Comprising rates of absorption or evolution of gases by small organisms, during respiration. The apparatus consists of two stoppered boiling tube connected by three-way taps to either limb of graduated manometer. One tube holds the organisms and has syringe for altering the level of liquid in the manometer during setting up. The other tube acts as a control thermo barometer. CO₂ given off by the respiring organism is absorbed by potassium hydroxide in the experimental chamber resulting in a change in the level of liquid in the manometer tube. Complete with wire baskets for supporting organisms.

ESB51434



Grip Dynamometer

Hand Dynamometer Grip Strength Meter!! Handy and reliable!!

Handy dynamometer is ideal for routine screening of hand grip strength at home or in school.

Dynamometer measures isometric grip force from 0 - 130 Kg **Size** : Approx. 10.5cm x 14cm x 2cm / 4.13" x 5.51" x 0.79" **Unit** : Kg

Package includes : 1 x Hand Dynamometer Grip Strength Meter

ESB51471



Food Calorimeter II

Open at both ends (205 x 100) mm (height x diameter). A circular metallic disc of diameter 100 mm with a boss head for mounting on a 13 mm retort rod used as the floor of the combustion chamber. The whole assembly is fitted on a (200 x 130) mm rectangular base with a rod of 13 mm diameter.

ESB51473



Spirometer

The Spirometer can be used for investigating tidal volumes, respiratory rate, pulmonary ventilation, reserve volumes and vital capacity. Oxygen consumption can also be measured which is useful in metabolic studies. A simple lever control enables the subject to be connected either to atmosphere or to the float for recording. A container for soda-lime crystals is fitted which can be used to absorb carbon dioxide. The spirometer is designed to offer minimum resistance to air flow. This means greater comfort for the subject and more realistic results. The tank is one piece stainless steel pressing housed in a durable painted outer case. The float is constructed from lightweight plastic. The float is calibrated 0 to 7 x 0.5 litres and has a metal counterpoise. The pen arm corresponds to approximately 0.5 litres. Supplied with a mouth piece that fits into the corrugated breathing hoses which snugly connects into Spirometer Also included a nose clip and pen arm for fitting data logger sensors.



Notes : 1. Soda lime crystals are not supplied. Dimensions External : 720w x 320d x 230h mm Packed : 800 x 430x 330mm.

ESB51430



Spirometer Digital Hand Held

Digital Spirometer duplicates the performance of professional instruments by quickly and accurately measuring lung volume. Digital spirometer includes 50 disposable mouth pieces and is a nice addition to physiology, anatomy and health classes. Ideal to use with the included AC adapter or with two AA batteries for the field. The large digital display gives instant volume readouts, without having to see anymore lengthy calculations.

ESB51431

Respiration Apparatus

For inhaled and exhaled air test. Comprises two boiling tube each with stopper and two lengths, one short and one long of 5 mm glass tubing, connected by PVC tubing and plastic T.

ESB51432



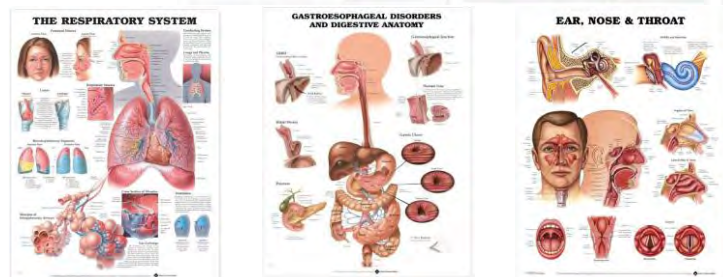
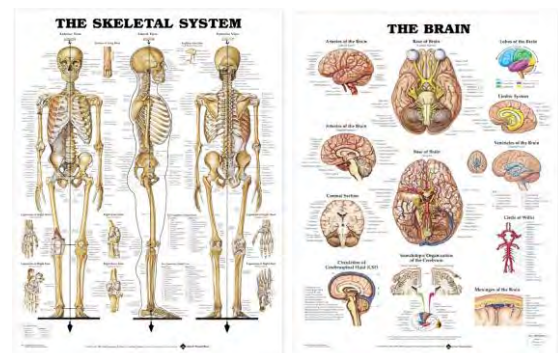
Charts

Human Anatomy Chart Set

Set of 11 chart covering different topic of human anatomy includes: Skeleton * Circulatory System *Heart * Nervous System * Section of Brain * Muscles *Digestive System * Respiratory System * The Ear * The Eye * Human Kidneys each Laminated charts with hanger , size 50x70cm

ESB51523

- ESB51524 Chart the human skeletal system
- ESB51525 Chart the human musculature system
- ESB51526 Chart the human urinary system
- ESB51527 Chart the human nervous system
- ESB51528 Chart the human respiratory system
- ESB51529 Chart the human circulation system
- ESB51530 Chart the human digestive system
- ESB51531 Chart the human skin
- ESB51532 Chart the human ear
- ESB51533 Chart the human eye
- ESB51534 Chart the human brain
- ESB51535 Chart the human heart
- ESB51536 Chart the human teeth
- ESB51537 Chart the human liver
- ESB51538 Chart the human stomach



Human Anatomy Chart Set

Set of 11 chart covering different topic of human anatomy includes: Skeleton * Circulatory System *Heart * Nervous System * Section of Brain * Muscles *Digestive System * Respiratory System * The Ear * The Eye * Human Kidneys each Size 50x70cm

ESB51523





Photosynthesis I: The Hill Reaction

Using this kit, students carry out a partial process of photosynthesis known as the Hill Reaction, which is the proteolysis of water in isolated chloroplasts. The splitting of water with the evolution of oxygen and the release of hydrogen is measurable in the course of the reaction by the bleaching of the hydrogen acceptor using a spectrophotometer or visual examination. The Hill Reaction is run in the light and in the dark to demonstrate the light dependence of the reaction. Required, but not included: centrifuge, blender, spectrophotometer (optional), a light source, glassware, and fresh spinach or lettuce leaves. Designed for 24 students working in six groups of four.

Grades 9-14

ESB51642



Photosynthesis II: The Synthesis Of Starch

Photosynthesis II examines the phosphorylation of glucose to produce starch in plant cells.

Students collect phosphorylase in potato extract and use it to catalyse the synthesis of starch. They learn that starch synthesis requires primer starch to which glucose residues can be added and that inorganic phosphate inhibits starch synthesis. Required, but not included: blender, fresh potatoes. Designed for 24 students working in six groups of four.

Grades 9-14

ESB51643



Photosynthesis Apparatus

For the measurement and collection of gas evolved by aquatic plants during photosynthesis. The gas evolved can be measured by the calibrated capillary tube and drawn off for analysis by the plastic syringes. Mounted on a plastic panel 190 x 150 mm approx.

ESB51644

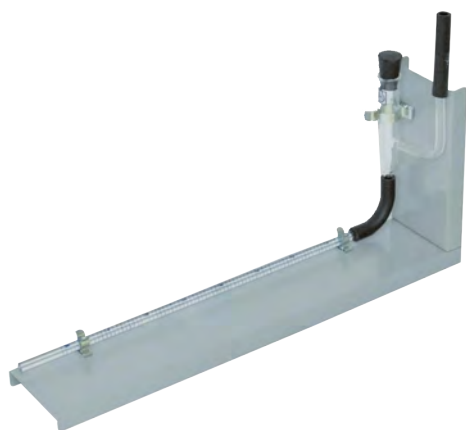


Potometer I

deal for laboratory and field use. Allows the students to measure transpiration. The apparatus has only one glass component and is mounted on a strong backing plastic plate. It consists of Capillary tube with millimetre scale connected via three-way tap to syringe.

ESB51646





Potometer II

Use for measuring speed of water absorbed by plant.
 Overall **Size** : 350 x 65 x 150 mm
 Material : Borosilicate glass
 Scaling capillary tube 0.9 x 0.01 ml
 Mounted on metal plate base
 Dimension : (L) 35.00 x (W) 6.50 x (H) 15.00 cm
 Weight : 0.350 kg.

ESB51647



Potometer Ganong's

Comprises a graduated, narrow bore, horizontal glass measuring tube with a vessel for a plant shoot at one end and having a vertical limb with a stopcock and a funnel fitted by a ground glass joint. Mounted on a plastic stand.

ESB51648



Porous Pot

Size : 150 x 60mm height x dia.

ESB51650



Potometer H Type

Suitable for individual student use, the cut shoot is attached to the side arm with tubing and the wide glass tube acts as the reservoir. Glass tube 160 x 20 mm with side arm 8 mm diameter. Capillary tube length 140 mm with 1 mm Bore..

ESB51649



Clinostate - Electrical

For demonstration of heliotropism and geotropism. Germinating seedlings are pinned to the cork table which is rotated by an electric motor at 4 revolutions per hour. The motor is spindle mounted and may be clamped so that the place of the table can be set at any angle between horizontal and vertical. An epoxy resin cover is provided for the cork table to shield the seedlings from droughts. Diameter of cork disc 100 mm

ESB51645

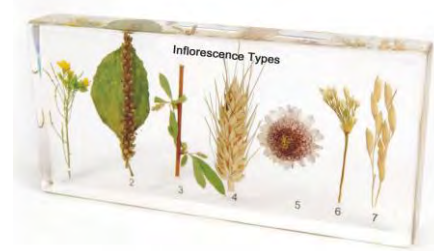




Mode Transmission Of Seed - PE

This real different Mode of seed transmissions has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped..
Block Size : 140*64*18 (±2)

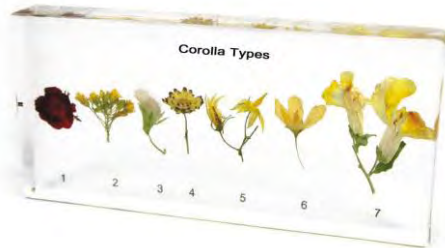
ESB51664



Specimen Of Inflorescence Types - PE

This real different type of Inflorescence Includes : an ear, raceme, catkin, compound ear, panicle, head and corymb. has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 164*78*20 (±2)

ESB51665



Specimen Of Corolla Types - PE

This real different type of Corolla Includes : (pink, cross, butterfly, ligulate, whorled, bell-shaped, labial) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 164*78*20 (±2)

ESB51666



Specimen Of Rhodophyta - PE

This real Rhodophyta Includes : (Undari Pinnatifa-Cosars Root Vegetable - Sea Wormwood-Kelp) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles.
Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 140*64*10 (±2) X 4

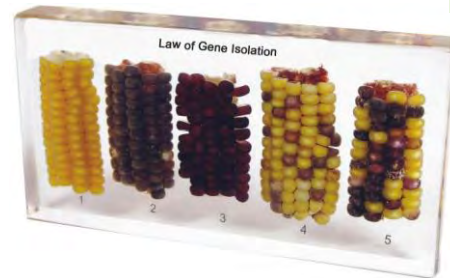
ESB51667



Specimen Of Phaeophyta - PE

This real Phaeophyta, s Includes : (Gelidium Amansi-Centipede Algae-Cartilage Algae-Laver)has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles.
Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 140*64*10 (±2) X 4

ESB51668



Specimen Of Law Of Gene Isolation - PE

This Corn Gene Isolation includes : (a separate variety of corn (paternal), a separate variety of corn (mother), first generation after crossbreeding, second generation created by self-pollination (1 example), second generation produced by self-pollination (2nd example))has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.
Block Size : 164*78*20 (±2)

ESB51669

NEW

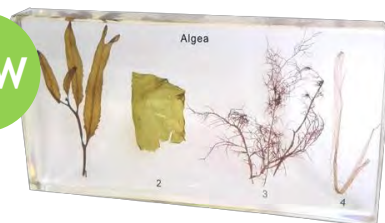


Specimen Of Algae Phaeophyta and Chlorophyta and Rhodophyta - PE

This real Algae Phaeophyta and Chlorophyta and Rhodophyta has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles.
Epoxy resin block will not break even if it is accidentally dropped
Block Size : 164*78*20 (±2)

ESB51671

NEW

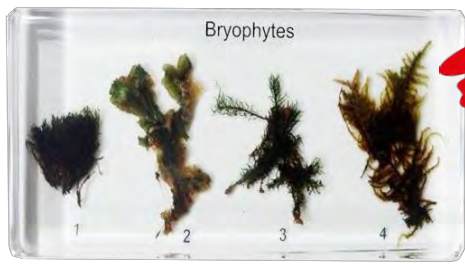


Specimen Types Of Algae- PE

This real different type of Algae has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20(±2)

ESB51672





Specimen Types Of Bryophytes- PE

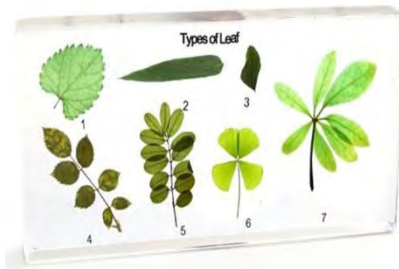
This real different type of Bryophytes has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*20 (±2)

Specimen Types Of Angiosperm- PE

This real different type of Angiosperm includes : (gossypium Spp - Soybean - Wheat -Corn) (has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*24(±2)X4



ESB51674



ESB51673

Specimen Types Of Fern- PE

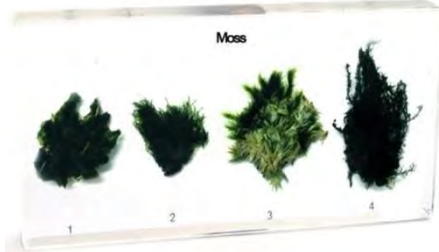
This real different type of Fern includes : (Nephrolepis-Dicranopteris-Adiantum-Dryopteris) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2) X4

Specimen Types of Leaf- PE

This real different type of Leaf Includes : (Mulberry leaf - Fern leaf - Rose leaf -. Floating flow - Four-leaf Marseille - Schefflera) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20(±2)



ESB51676



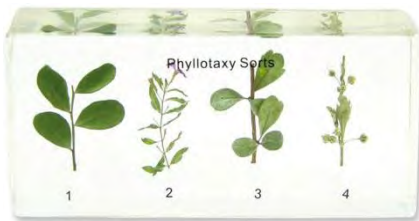
ESB51675

Specimen Types Of Gymnosperm- PE

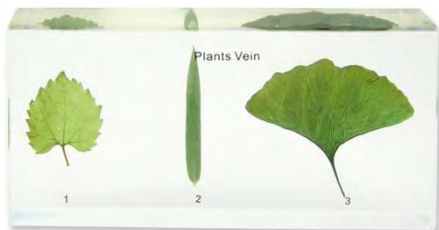
This real different type of Gymnosperm Includes : (Masson - platycladus orientalis - podocarpus - Ginkgo) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*20 (±2)X4

Specimen Types Of Moss I- PE

This real different type of Moss has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20(±2)



ESB51677



ESB51679/I

Specimen Types Of Phyllotaxy Sorts- PE

This real different type of Phyllotaxy Sorts has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 140*64*24(±2)

Specimen Types Of Moss II- PE

This real different type of Moss has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

ESB51678

ESB51679/II



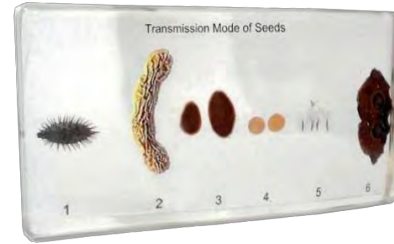


Specimen Types Of Lichen- PE

This real different Mode of Lichen has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 88*58*18 (±2)

ESB51681

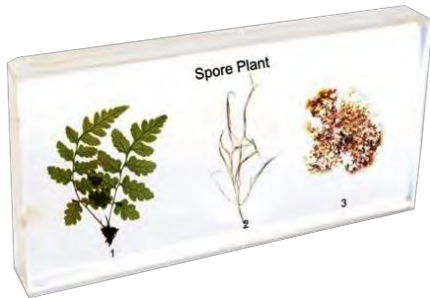


Specimen Transmission Mode of Seeds- PE

This real different Mode of Lichen has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 140*64*20 (±2)

ESB51680



Specimen Types Of Spore Plant- PE

This real different Mode of Spore Plant has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 88*58*18 (±2)

ESB51683



Specimen Types Marchantiaceae- PE

This real Marchantiaceae has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 73*41*20 (±1)

ESB51682



Comparison of monocotyledons and Dicotyledons- PE

This real different type of monocotyledons and dicotyledons has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles..Epoxy resin block will not break even if it is accidentally dropped.

Set/10

ESB51694



Specimen Types Fruit- PE

This real different type of Fruit has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped

Block Size : 135*90*35 (±1)

ESB51684

Specimen Types Fibrous Root System- PE

This real different Mode of Fibrous Root System has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 110*43*20 (±1)

ESB51685





Different Roots System - PE

This real different type of plant roots includes : (taproot, adventitious root, aerial root, bundle root) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

Block Size : 88*58*24 (±2)

ESB51670



Specimen Of Roots

This real different type of Roots has been placed on board for observation and study. Durable, .

ESB51689

NEW



Specimen Types Taproot-PE

This real Taproot has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Block Size : 73*41*20 (±1)

ESB51686



Seed Germination

This seed germination model shows the process of seed germination. Mounted on board. Made by environmental pvc and paint.

ESB51702



Germination Model

This germination model is 5 times enlarged and for 10 times enlarged & showing beans, the rye seeds pushes up from the soil a green shoot, the bean first appears as a two leaved shoot and the shoots of the first appear from the earth first throwing out their star-shaped leaves. Mounted on base. Numbered with English Key Card

ESB51701

Germination Model Activity Set

3-D Monocot and dicot plant germination is shown on this markable 60*45cm model. The included activities support the teaching of seed development. Includes a Teacher's Guide with an overhead transparency black line master, student activities, key and glossary.



ESB51700



Fern Life Cycle Model

A series of eight models displaying the alternation of generations in the life cycle of the fern. The series is: sori on pinnule; sori after dehiscence; vertical section of sorus; structure of dehiscing sporangium; prothallus with antheridia and archegonia; section through mature archegonium; section through antheridium; gametophyte with young sporophyte. With key card, on base , **Size** : 40.5*23.5cm.

ESB51698





Paddy Rice Germination - PE

This real Paddy Rice Germination embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

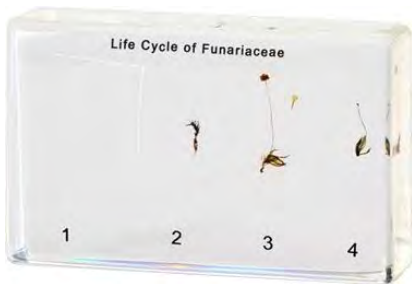
ESB51717



Wheat Germination - PE

This real Wheat Germination Includes: (wheat grain, development of the embryonic root, germination, development of the root system, leaf sheath development, stem development, a young plant with a developed spike leaf, ear) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

ESB51718



Life Cycle Of Funariaceae - PE

This real Funariaceae life cycle embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 88*58*18 (±2)

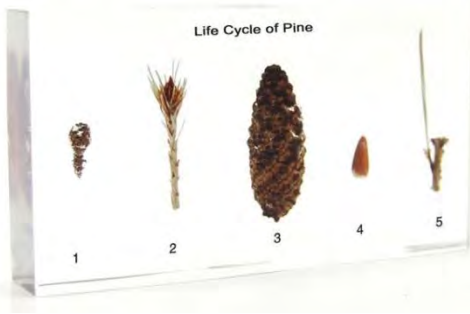
ESB51709



Sorghum Germination - PE

This real Sorghum Germination embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

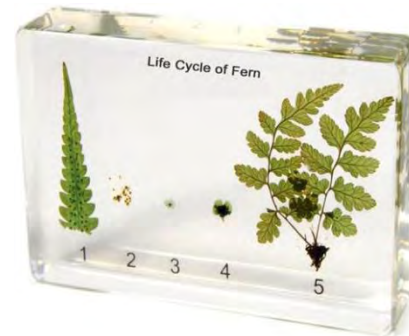
ESB51716



Life Cycle Of Pine - PE

This real Pine life cycle embedded in block for observation and study. Includes : (male pine cone, young female cone (in the first year), mature female cone (in the second year), pine seed, pine needle) Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 164*78*20 (±2)

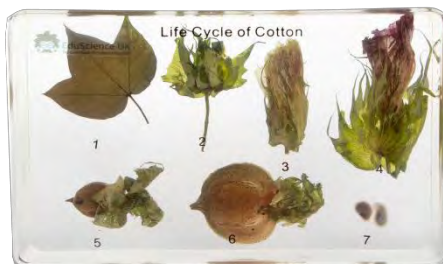
ESB51711



Life Cycle Of Fern - PE

This real Fern life cycle embedded in block for observation and study. Includes : sporadic ear, spores, progrowth (gametophyte), young sporophyte, mature sporophyte. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 88*58*18 (±2)

ESB51710



Life Cycle Of Cotton - PE

This real Cotton life cycle embedded in block for observation and study. Includes : (leaf, flower bud, cotton flower before pollination, cotton flower after pollination, bag, broken purse, seeds) Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size : 135*90*35 (±2)

ESB51712



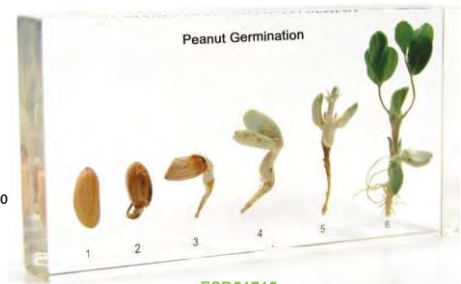
Peanut Germination - PE

This real Peanut Germination Includes : (Seed - Germinate - Sprout - Taproot & Lateral Roots - Young Stem - Leaves) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20 (±2)

ESB51715
ESB51715/R

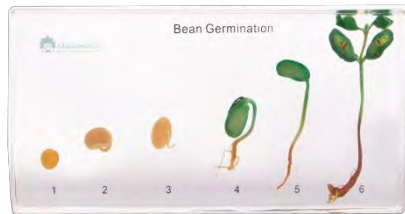


ESB51715/R



ESB51715

Peanut Germination Round - PE



ESB51713



ESB51713/R

Specimen Of Bean Germination - PE

This real Bean Germination Includes : (bean seed, seed germination, development of the root system, stem and leaves, young beans) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20 (±2)

ESB51713

Specimen Of Bean Germination Round- PE

ESB51713/R

Specimen Of Bean Germination - PE

This real Bean Germination embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB51713ST



ESB51714



ESB51714/R

Specimen Of Corn Germination - PE

This real Corn Germination embedded in block for observation and study corn grain, germination - development of an embryonic root, germination - development of the primary root and coleoptile, further growth of roots and leaf sheath (coleoptile), seedling with leaf and root, a young plant with a developed root system and leaves) . Durable, clear epoxy resin allows close up viewing from all angles; Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20 (±2)

ESB51714

Specimen Of Corn Germination Round - PE

ESB51714/R

Specimen Of Corn Germination Set- PE

This real Corn Germination embedded in 6 blocks for observation and study. Durable, clear epoxy resin allows close up viewing from all angles; Epoxy resin block will not break even if it is accidentally dropped.

ESB51714ST



NEW

Specimen Of Pea Germination - PE

This real Pea Germination Includes : (Pea seed, seed germination, development of the root system, stem and leaves, young Pea) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped. Block Size :164*78*20 (±2)

ESB51720



Plant Germination Set - PE

This real 10 different type of plants Germination includes : (Funariaceae, fern, bean, corn, peanut, pine, cotton, sorghum, rice and wheat) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles..Epoxy resin block will not break even if it is accidentally dropped.

ESB51731



Soy bean and Corn Growth Process

This real of Soy bean and corn growth stages has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped.

ESB51719



Specimen Of Leaves Set - PE

This real 11 different Leaves includes : (cinnamon tree, bauhinia, eastern biota, maple, centella asiatica, pine, bamboo, silverwort, rose hip, desmodium) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally

ESB51687



Specimen Of Flowers Set - PE

This real 8 different Flowers includes : (butterfly, daisy, pyrethrum, pyrethrum maruna, cosmos doubly pinnate, spherical gomphrena, Chinese carnation, rose) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally

ESB51688



Specimen Conformation of Plant Set - PE

This real 4 different Conformation of Plant Includes : (Loaf - Stem - Root - Seeds - Flower) embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally

ESB51659



Specimen Of Mushrooms Set - PE

This real 8 different Mushrooms embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally

ESB51691



Plant Kingdom Set I - PE

This real 9 different type of plants includes : (Sea Grape , Ulva , Agar, Red algae - Mushroom, Agaric, Hericum -Liverwort, Funariaceae - Pteris , Adiantum -Cedrus (male cone) , Pinus (female cone) - Life Cycle of Funariaceae - Life cycle of fern - Root of paddy rice ,Stem of paddy rice ,Bamboo leaf, Viola herb, Corn -Root of bean , Stem of bean ,Maple leaf ,Pink ,Kidney bean) has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. Epoxy resin block will not break even if it is accidentally dropped.

ESB51661



Plant Kingdom Set II - PE

This real different type of plants has been embedded in block for observation and study. Durable, clear epoxy resin allows close up viewing from all angles. .Epoxy resin block will not break even if it is accidentally dropped. Set includes 20 pcs

ESB51662





Mechanisms Of Herbicides

This exercise is designed to demonstrate the effectiveness of different categories of chemical herbicides. Students transplant grasses and weeds into flats or pots and investigate how and why different plants are killed by different chemical herbicides. A simultaneous microbiological proof with inoculated agar plates is run to reinforce the results, further categorize herbicides, and determine possible effects of the herbicides on soil micro-organisms. Each group will choose two natural products and design a simple experiment to compare chemical vs. natural weed killers. A round table discussion including experimental designs, results, comparisons, and possible environmental impact culminates the exercise. Requires five class periods, plus research time. Required, but not included: heat source, flower pots or nursery flats, grass and weeds for transplanting. Designed for 24 students working in four groups of six. For Grades 9-14.

ESB51696

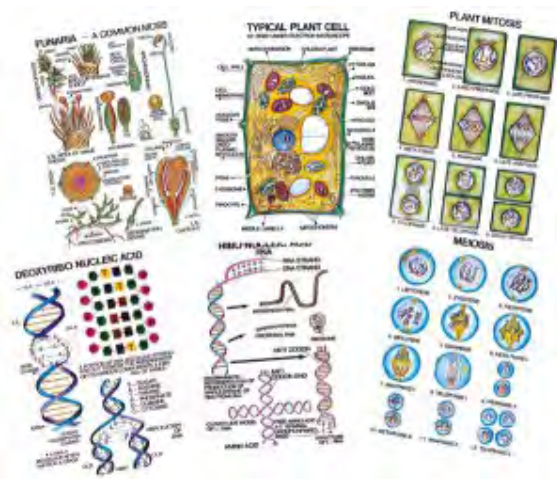


Air Fern

Did you know that air ferns do not need soil or water to grow? How can such claims be true? Students will experiment, observe, and grow air ferns in six experiments as they develop questions, make predictions, and employ the scientific method to test hypotheses. Students learn to design experiments, use proper controls, limit variables, take proper measurements, and explain the data they collect. They will finally discover that the air fern is not what they have expected and conclude that the air fern is not a plant at all. Stereo microscope recommended. Designed for 24 students working in six groups of six. For Grades 5-8.

ESB51697





General Botany Chart I Set

Set of 8 charts covering different topics General Botany - each Size 50x70cm
Includes : Typical Plant Cell * Plant Mitosis * Meiosis * D.N.A. * R.N.A. * Bacteria * Spirogyra * Funaria.

ESB51775

General Botany Chart Ii Set

Set of 8 charts covering different topics of General Botany . Size each 50x70cm
Includes : * Plant Kingdom * Germination of Sunflower & Maize * Germination of Bean & Pea * Yeast * Rhizopus & Mucor * Fern * Insectivorous Plants

ESB51776

Individual Botany Charts

- | | | |
|----------|-------------------------------------|--------------------------------|
| ESB51777 | Chart the plant cell | Laminated charts size 50x70 cm |
| ESB51778 | Chart the plant mitosis | Laminated charts size 50x70 cm |
| ESB51779 | Chart the plant meiosis | Laminated charts size 50x70 cm |
| ESB51780 | Chart the dna | Laminated charts size 50x70 cm |
| ESB51781 | Chart the rna | Laminated charts size 50x70 cm |
| ESB51782 | Chart the bacteria | Laminated charts size 50x70 cm |
| ESB51783 | Chart the spirogyra | Laminated charts size 50x70 cm |
| ESB51784 | Chart the funaria | Laminated charts size 50x70 cm |
| ESB51785 | Chart the germination of sunflower | Laminated charts size 50x70 cm |
| ESB51786 | Chart the fern | Laminated charts size 50x70 cm |
| ESB51787 | Chart the plant kingdom | Laminated charts size 50x70 cm |
| ESB51788 | Chart the flower | Laminated charts size 50x70 cm |
| ESB51789 | Chart the stem | Laminated charts size 50x70 cm |
| ESB51790 | Chart the root | Laminated charts size 50x70 cm |
| ESB51791 | Chart the leaf | Laminated charts size 50x70 cm |
| ESB51792 | Chart the germination of bean & pea | Laminated charts size 50x70 cm |
| ESB51793 | Chart the yeast | Laminated charts size 50x70 cm |
| ESB51794 | Chart the rhizopus & mucor | Laminated charts size 50x70 cm |



Living Plants

Pond Weed

- | | | |
|----------|------------------------|---|
| ESB51853 | Egeria Densa | Oxygenator. Approx 10 strands - PEr bunch |
| ESB51854 | Myriophyllum Scabratum | Oxygenator. Approx 10 strands - PEr bunch |
| ESB51855 | Duckweed | "Lemna. Fast growing & free floating. Over 100 plants per pack" |

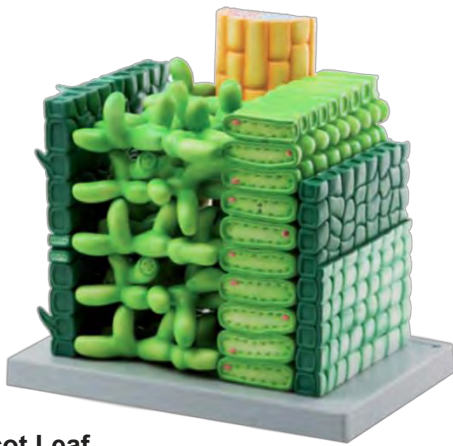
Plants

- | | | |
|----------|-----------|--|
| ESB51856 | Liverwort | Named species - PEr pack |
| ESB51857 | Fern | Fertile fronds - PEr pack |
| ESB51858 | Moss | Sexual stage. Named species - PEr pack |
| ESB51859 | Moss | Ideal for the vivarium , 250g |

Carnivorous Plants

- | | | |
|----------|----------------|-------------------|
| ESB51860 | Pitcher Plant | Sarracenia , each |
| ESB51861 | Venus Fly Trap | Dionea , each |
| ESB51862 | Sundew | Drosera , each |

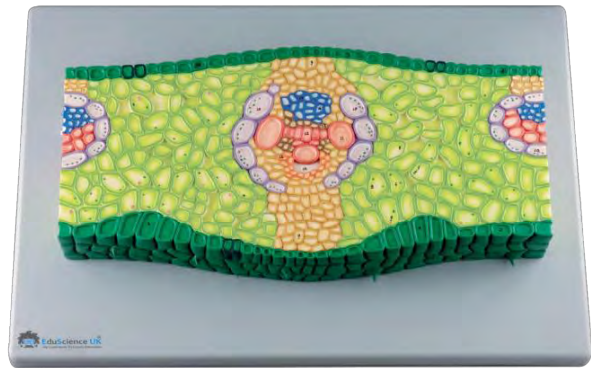




Dicot Leaf

The structure of a dicot leaf is well represented in this 600X life-size model; the cross and the longitudinal section describes all the main structures and the different cellular types through the upper page, mesophyll and lower page. The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions : 33*23*36 cm
 Weight : 3500 g

ESB51947



Monocot Leaf Section(Zea Mays)

This model, enlarged 500X life size, shows the cross and longitudinal section of a monocot leaf. Significant structures include dorsal and ventral page, xylem, phloem and mesophyll. The model is securely mounted on a base, providing stability for educational or display purposes.
 Dimensions :53*38*9.5 cm
 Weight : 2500 g

ESB51948



Dicotyledon Leaf Model

The leaf boasts an 8x magnification and displays a cross-section depicting the epidermis, palisade and spongy mesophyll layers, vascular bundle, and stomata. It comes with a key card for identification.
 Dimensions : 42 x 30.0x 11.2 cm
 Weight : 2800 g

ESB51929SP



Leaf Lilac (Stringa Sp) Model

A vertical section shows epidermis, palisade and spongy mesophyll, stomata and a small vein. A separate underside view of the leaf surface shows stomata. Both models are approx x700. Supplied with key card, mounted on base
 Dimensions : 27*21 cm.

ESB51928



Dicotyledon Leaf Model

A section through a typical leaf, showing epidermis, palisade and spongy mesophyll, vascular bundle and stomata. Supplied with key card.
 Dimensions : 15*10*6 cm.

ESB51929





Dicotyledon Stem (Helianthus S)

The top surface of the model represents a transverse section of a wedge shaped sector of the stem and includes all the tissues from epidermis to pith. One entire vascular bundle is shown and half an adjacent one. The interfascicular tissues and vascular bundle are shown in longitudinal section. The outer surface represents a view of the epidermis with stomata. Supplied with a key card.

Dimensions : 38*30*8 cm.

ESB51934



Dicot Stem Anatomy Model T.S. & L.S.

Model shows the transverse and longitudinal section of a dicotyledonous stem in which case the cambium ring has been formed but no secondary growth has yet taken place. Very useful model for study of epidermis, cork layer, cork cambium, cortical parenchyma, starch sheath medullary rays, phloem, sieve plate, sieve tube, phloem parenchyma and inter fascicular cambium, xylem, pitted vessels pith etc. Mounted on base. Numbered With English key card.

ESB51935



Dicotyledonous Stem

This is enlarged dicotyledonous stem model, with manual. The model is securely mounted on a base, providing stability for educational or display purposes.
Dimensions : 70*30*58 cm
Weight : 2200 g

ESB51951



Woody Dicot Stem (TILIA) Model

A sector of a two-year-old stem with transverse, longitudinal and tangential sections. Shows development of annual growth rings. With key card,
Dimensions : 35.5*25*6 cm.

ESB51945



Monocot Stem Anatomy Model T.S. Or L.S.

Exhibits the various tissues and scattered closed and collateral vascular bundles in transverse and longitudinal sections in maize. The large pitted vessels, spiral and annular vessels show the anatomy of monocot stem. On base. Supplied with English Key Card.

ESB51936



Monocotyledon Stem (Zea Mais)

Transverse and longitudinal sections of all tissues from epidermis to pith are included on this model. Two entire vascular bundles are shown, one entering into the stem from a leaf trace. Another two vascular bundles are shown in section, with longitudinal detail of the cells. Supplied with key card.
Dimensions : 40.5*23*5 cm.

ESB51937





Dicotyledon Stem Model (Helianthus S)

The top surface of the model represents a transverse section of a wedge shaped sector of the stem and includes all the tissues from epidermis to pith. One entire vascular bundle is shown and half an adjacent one. The interfascicular tissues and vascular bundle are shown in longitudinal section. The outer surface represents a view of the epidermis with stomata. Supplied with a key card.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 38*30*8 cm.

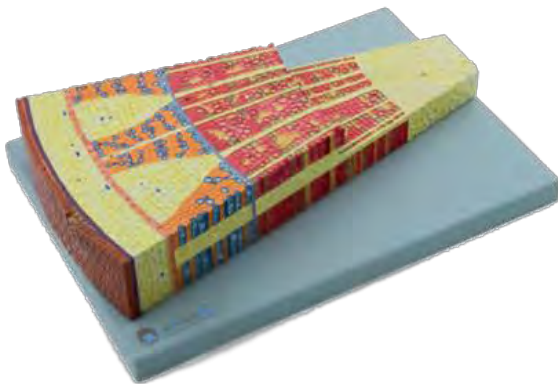
ESB51934N

Open Collateral Conducting Bundle Of a Dicotyle stem

This model shows the open collateral conducting bundle of a dicotyle stem

The model is securely mounted on a base , providing stability for educational or display purposes.

ESB51927



Dicotyledon Stem Model (Helianthus S)

This model, enlarged 300X life size, shows the structure of a dicot wooden stem. Longitudinally and cross sectioned, it shows significant elements of the cortex and central vascular cylinder.

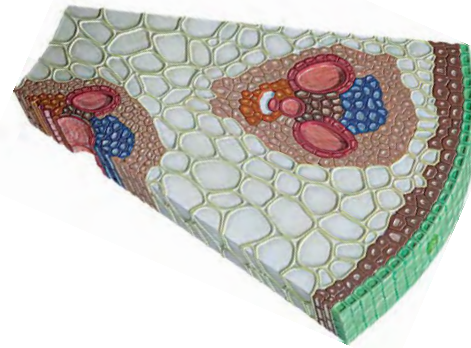
All different structures are displayed in different color.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 42*30*11.5 cm.

Weight : 1600 g

ESB51945N



Monocot Stem Section Model (Zea Mays)

This model, enlarged 400X life size, shows a cross and longitudinal section through a monocot stem. Epidermis, cortex, central vascular cylinder and all the significant internal structures are well represented.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 33*23*7.5 cm

Weight : 1000 g

ESB51937N



Gymnosperm Stem Model (Pinus silvestris)

This 350X life size model shows in great detail the section of a pinus silvestris 3- year old stem. It describes all basic structures of the gymnosperm stem, including epidermis and vascular cylinder.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 30*38*9.5 cm

Weight : 1600 g

ESB51946





Dicot Root Section(Leguminosae).

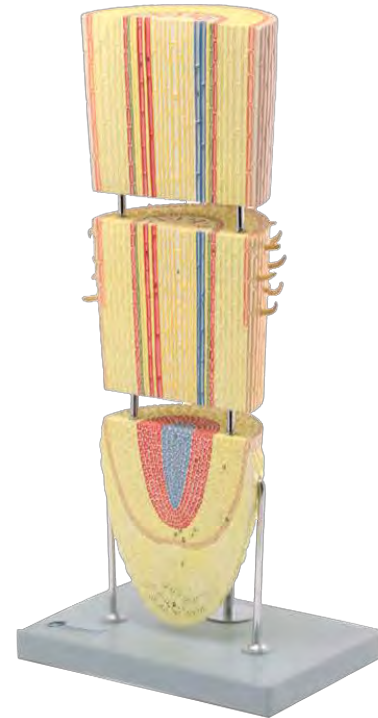
This 3-part model, enlarged 400X life size, shows the structure of a dicot root in a cross and longitudinal section. All significant structures are well represented in great detail. The model is divided in 3 segments including the following: the first part describes the root tip with cap, the second one illustrates the distension zone and the last one part shows the meristematic mature region.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 33*23*7.5 cm

Weight : 1000 g

ESB51949



Monocot Root (Zea Mays)

This 200X life-size model shows the structure of a typical monocot root in a cross and longitudinal section. This model is divided into 3 segments, including the following: zone of primary structure, zone of distention cells and meristematic zone.

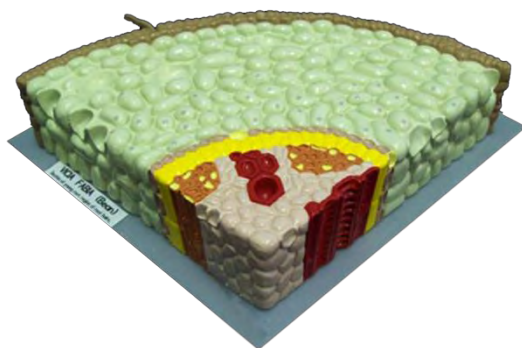
All the different structures and cellular types are numbered and identified on the accompanying manual

The model is securely mounted on a base with a stand, providing stability for educational or display purposes.

Dimensions : 33*23*158 cm

Weight : 2800 g

ESB51950

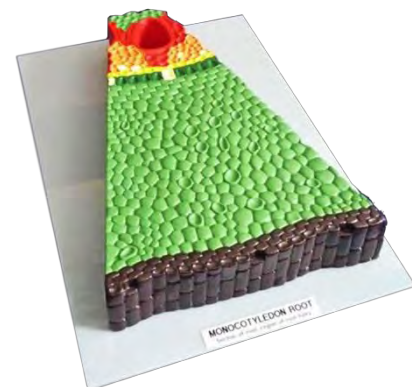


Dicotyledon Root (Vicia Fabia)

A section through a typical dicotyledon root in the region of the root hairs. One side shows a longitudinal section through phloem and the other through xylem together with adjacent tissues.

Radius of section 17cm, thickness 6 cm. Supplied with a key card.

ESB51932



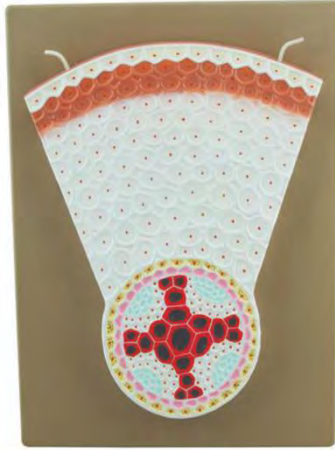
Monocot Root (Iris) Model

A wedge shaped sector through a typical monocotyledon root, giving transverse and longitudinal sections. Longitudinal section of phloem and xylem tissues are shown. Supplied with key card.

Dimensions : 34*21.5*5 cm.

ESB51933





Dicot Root Model T.S.

The Molded Dicot Root Model, painted vibrantly and greatly magnified, is accompanied by a key card that highlights its key anatomical features. This 3D model vividly showcases the intricate inner anatomy and vasculature of a dicot root. Its sturdy construction offers an excellent resource for visually and kinaesthetically effective study of the structure and function of dicot roots.

Dimensions: 32.5x 25x 2.5 cm

ESB51930

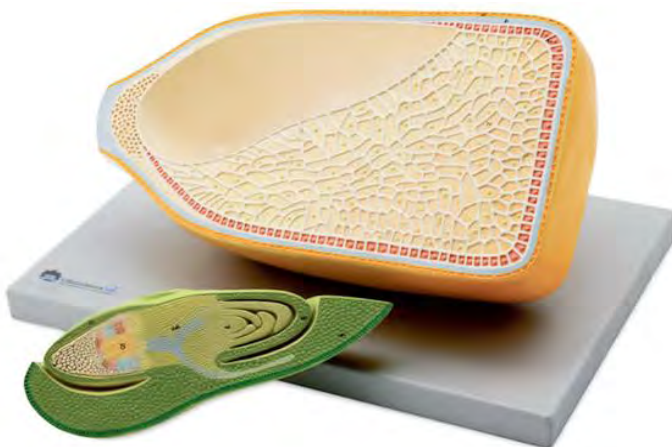


Monocot Root Model T.S.

Introducing the Large Monocot Root Model, offering an expansive 3D depiction of a monocot root. This model showcases meticulously hand-painted details, with each part labeled by number for easy identification using the included key card. Key labeled parts include Root Hair, Epiblema, Exodermis, Cortex-Parenchymatous, Inter-Cellular Space, Endodermis, Starch Grain, Pericycle, Protoxylem Vessel, Metaxylem Vessel, Conjunctive Tissue, Phloem Bundle, and Pith.

Dimensions: 32.5x 25x 2.5 cm

ESB51931



Corn Seed Model, 2 Parts

This item is composed of 9 different pieces showing the main stages of the mammal cell mitosis (prophase, metaphase, anaphase and telophase) at an enlargement of approx. 10000 times. During all stages you can observe the different characteristics of the cellular structures such as chromosomes, centrioles, spindle and nucleus. Every single piece is numbered to indicate the correct sequence of steps.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 42*17*10 cm

Weight : 1300 g

ESB51924



Pollination And Fertilisation Model

The primary model depicts a vertical section illustrating the stigma, style, and ovary, showcasing the progression of pollen tubes towards the ovules. Additionally, separate models are provided to display the anther, anther dehiscing, and various types of ovary in both transverse and longitudinal sections.

Dimensions : 50*33 cm

ESB51944





Flower Model

A greatly enlarged (10x) model to demonstrate the floral components and reproductive function of the flower. Each of the eight parts of the flower model represents one of the unique structural components such as the petals, sepals, stamens and pistil. Fertilisation is shown, with pollen grains on the stigma; one pollen tube is shown penetrating the micropyle. The anthers are sectioned and the ovary is dissected to show the female gametophyte. The model also depicts the scenario for double fertilisation. Mounted on a base and supplied with key card.

ESB51939



Dicot Flower Model

Dicot Flower model Representing a greatly enlarged, complete flower, made of non-breakable vinyl plastic model teaches the reproductive function of flowers, angiosperm pollination and fertilization. Three petals, four sepals and four stamens are detachable. Two anthers are sectioned open to expose pollen grains. The ovary is dissected to reveal the seven-celled female gametophyte. Pollination is demonstrated by pollen grains that have adhered to the stigma. One of them has generated a pollen tube that has penetrated the micropyle. Depicting the condition just prior to fertilization, the tube nucleus, closely followed by the two sperm cells, can be observed near the apex of the pollen tube.

Dimensions : 36*14*12cm ,

Weight : 500g

ESB51938



Hermaphrodite Dicot Flower

This three-piece model, enlarged to 14X life size, describes with great accuracy and detail the anatomy of a typical hermaphrodite dicotyledonous flower. Thanks to the cross-section, the anatomy of the internal structures, such as stamens, stigma, style and ovary with eggs can be easily studied.

External structures, including petals and sepals, are also well represented. The main structures are numbered and referenced on the accompanying manual.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 33*23*40cm

Weight : 515g

ESB51952



Dicot Flower Model 5 Times Life size

High pretty handwriting, enlarged about 5 times, shows all features of typical dicot flower(peach flower).

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 40*26*16cm

Weight : 1660g

ESB51938/5X





Hydra Model,4 parts

This 4-part model shows longitudinal and cross sectional views of the hydra, highlighting significant anatomical features, including the ectoderm, mesoglea, coelenteron, male and female egg cells, buds and mouth opening.

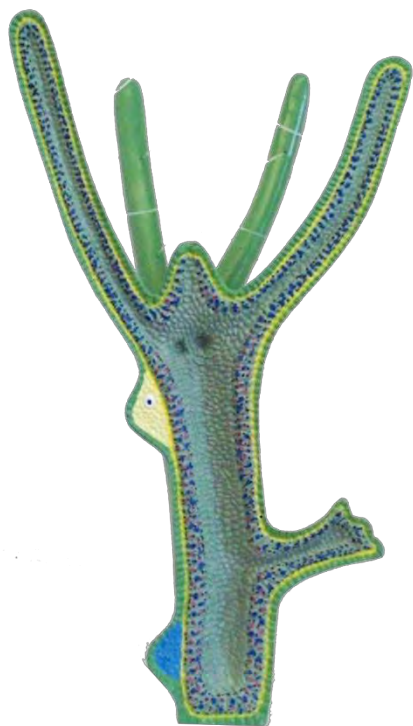
The cross sectional block model, about 250X life size, shows various cellular structures, including nematoblasts, epithelial cells, sensory cells, interstitial cells and the nerve network an additional block model shows the anatomy of a highly enlarged cnidoblast cell.

The model is securely mounted on a base , providing stability for educational or display purposes.

Dimensions : 70*30*58 cm

Weight : 2200 g

ESB51388



Hydra Model

A median longitudinal section of a green hydra, showing external and internal structure, budding, testis and ovary.

On base approx 56 cm high.Supplied with keycard.

ESB51940





Plant Cell Model

Plant Cell Model (3D- Dimension): The model is durable plastic, shows both microscopic & ultramicroscopic colored details : cell wall, plasma cytoplasm, nucleus, vacuoles, plastids, lysosomes, golgi apparatus, ribosomes, mitochondria, rough & smooth ER. Mounted vertically on a base. Catalogue or Hardcover key card of the numbered structures all labeled in Arabic & English printed nicely and pastes on the top surface of the base)

ESB51941



Plant Cell Model

This model, enlarged 20,000 times, shows the significant structures of a plant cell, including the wall, nucleus, vacuole, Golgi apparatus, mitochondria, chloroplast, chromoplast, leucoplast, endoplasmic reticulum. Mounted on board.

Dimensions : 42*30*10 cm,
Weight : 2100 g

ESB51942



Plant Cell Model

The two piece plant cell model shows the structures of a typical plant cell with cytoplasm and cell organelles, as viewed by an electron microscope. all important organelles of the plant cell are in raised relief and displayed in colour. Features included are:

Cell wall, Cell membrane, Nucleus, Smooth Endoplasmic Reticulum, Rough Endoplasmic Reticulum, Ribosome's, Chloroplasts, Mitochondria, Dictyosomes/Golgi apparatus,
The plant cell model is magnified 500,000 to 1,000,000 times.

Dimensions : 20*11.5*32 cm

ESB51943



Chloroplas

This model represents an important tool to study one of the most important organules of the plant cell. The chloroplast, greatly enlarged, is cross and longitudinally sectioned to show in great detail the internal microscopical structure such as inner and outer membrane, granum, stroma, starch granules and osmiophile globule.

The model is securely mounted on a base, providing stability for educational or display purposes.

Dimensions : 40*26*20 cm
Weight : 2530 g

ESB51923



Plant Cancer

Now cancer can be investigated in the lab, not just discussed in your classroom. Students safely study the various aspects of cancer cell growth with this totally self-contained kit. (A fresh carrot will be required.) Students explore various aspects of cancerous cell growth and learn to explain the differences between a normal cell and a cancer cell, describe similarities and differences between animal and plant cancers, identify cancer cells, identify a plant cancer or gall, and research current theories on the causes of cancer. Students grow their own sunflower plants; then induce crown gall by inoculating plant tissue with *Agrobacterium tumefaciens* (reply card item ships upon request and only in Continental US) which is required for inducing the cancerous growth. Students then do a Koch's Postulates Experiment: Inducing Cancer in Carrot Tissue. Grades 9-12



ESB52046

Plant Cloning I (Introduction To)

Plant propagation by cloning is becoming increasingly important in food and flower production. Generating a plant by cloning its tissue is an exciting and challenging experience which teaches the importance of sterile laboratory methods. Students will germinate carrot seeds to provide plant material from which to establish a culture, use sterile technique to grow seedlings and establish a callus culture, and induce the development of multiple shoots (plantlets) from the callus tissue. The process takes approximately four months. No hood or incubator required. Includes an instruction manual, assessment questions, and a Power Point presentation with images of plant material at various stages of the experiment. Perishable reply card items ship separately upon request and only in the continental US. Grades 9-12



ESB52047

Blood Typing Simutype (RH)

Blood typing for Rh factor is a medically important procedure. Rh genetics can be of concern during pregnancy and blood transfusions. Learn why under certain circumstances when the mother is Rh negative and the embryo is Rh positive, the baby can be at risk of attack by the mother's immune system. By determining blood types and taking appropriate medical precautions, the incidence of Rh-induced haemolytic disease of the newborn (erythroblastosis fetalis) fatalities have been substantially reduced in the United States. This kit features the safety of simulated bloods and antisera and the convenience of self-adhesive Hema-Tags. Includes an enhanced instructor's manual with background information, reproducible student worksheets, and comprehensive answer keys. Contains 5mL of anti-Rh and 2mL of each blood sample type. Materials provided are sufficient for up to 50 tests. Meets national standards for grades 9-12.



ESB52148

Aids Simutest Kit

Students become biotech- technicians while using this AIDS test kit, running eight samples in a simulated ELISA to determine which patient(s) may have contracted the HIV virus. Kit includes simulated patient serums, conjugate, chromagen, and reusable pre-treated ELISA microtiter plates. The kit may be used many times; just add distilled water. The kit is totally safe for student use. It does not contain blood serum or infectious agents. Students experience the world of biotechnology while learning the biology of the HIV virus in a one hour lab investigation. Designed for six groups of four students. This kit is appropriate for college level coursework, college prep, or advanced biology courses. Grades 11-14.



ESB5215

Plant Cloning II

Plant propagation by cloning is common in flower production. Generating a plant by cloning its tissue is an exciting and challenging experience which teaches the importance of sterile laboratory methods. Using this kit, students will establish a shoot multiplication culture using an African violet as a model, use sterile technique to develop African violet cloned cultures and induce the development of multiple shoots (clones) from the leaf tissue. Resulting plantlets may be started in soil. The complete process takes approximately three months. No hood or incubator required. Includes an instruction manual and a Power Point presentation with images of plant material at various stages of the experiment. Perishable reply card items ship separately upon request and only in the continental US. Grades 9-12



ESB52048



Genetics

Tissue Cultures

Biology



Genetics I

Students identify some of their own genetic traits, such as whether or not they are able to taste the bitterness of PTC or roll their tongues. Then they model homologous chromosomes to demonstrate how reproduction results in the inheritance of genetic variation. Punnett Squares are used to apply concepts of statistics and probability to predict the distribution and variation of expressed traits in examples from humans, plants, and animals. Students use a randomized selection process to model the observed occurrence of allele frequency to compare to statistically expected outcomes of crosses. Phenotypes, genotypes, monohybrid and dihybrid crosses, test crosses, dominance, incomplete dominance, codominance, and recessives are discussed. Includes worksheets, data sheets, and complete answer keys. Designed for 24 students working in six groups of four. Grades 6-10

Urinalysis

The analysis of urine is a valuable procedure for evaluating a person's health. Using simulated urine samples, students are introduced to biomedical urinalysis procedures similar to those utilized in medical laboratories to determine the general characteristics of urine, observe sediments found in urine, and test for glucose, albumin, pH, specific gravity, and lead. No real urine or human products are used in this kit. Required, but not included: a Bunsen burner, balance, microscope, lab glassware, urine hydrometers (optional), and a centrifuge (1500 rpm, optional). Designed for 24 students working in six groups of four. Grades 9-12

ESB52131



ESB52132

Genetics II

This hands-on approach to genetics gives students an opportunity to study the inheritance of multiple alleles, examine karyotypes, and study pedigrees. Students observe the antigen-antibody reaction for ABO blood groups using simulated blood. Then, they identify the blood types of four people and apply the concept of codominance to determine possible genotypes and phenotypes of future generations. Students learn how nondisjunction can cause autosomal and sex chromosome disorders during meiosis while studying karyotypes. They learn to construct pedigree charts and use them to show how genotypes of genetic traits may be followed through a number of generations. Then, students create pedigrees for tongue rolling and ability of their family to taste bitter with PTC paper. Includes all materials for ABO blood typing and karyotyping, PTC paper, worksheets, data sheets, and complete answer keys. Designed for 24 students working in groups of four. Grades 6-10



ESB52133

Introduction To Chromosomes Kit

EduSciences Introduction to Chromosomes Kit is designed for advanced biology students who are interested in the microscopic examination of chromosomes from peripheral blood leukocytes. The kit uses freshly drawn blood cells and a micro technique which can be adapted for chromosome studies from cells of bone marrow or other tissues. Reply card items include: chromosome media, arresting fluid, rinsing solution, and Hank's Balanced Salt Solution. Required, but not included: centrifuge (800 rpm), oil immersion microscope, water bath or incubator (37°C), alcohol or Bunsen burner, staining jars, xylene, glacial acetic acid, and methanol. Designed for 24 students working in six groups of four. Grades 10-14



ESB52134

Biotechnology: Electrophoresis

Finally, a safer, much more affordable way to do gel electrophoresis in the classroom! Now anyone can learn the essentials of this classic molecular biology technique which plays such a central role in biotechnology research. Students isolate DNA samples from live organisms and run the samples on agarose gels they pour themselves. Then they stain the DNA with methylene blue to visualize their samples. A wonderful classroom tested option for those who do not own pricey biotechnology equipment. Kit includes all materials, supplies, and instructions for isolating DNA, making running buffers, creating tracking dyes, pouring gels, and running and staining DNA...including the power sources. Materials and supplies for 100s of DNA sample isolations and making up to 50 agarose gels. Designed with six gel running stations. Grades 8-12

ESB52135



DNA Model Kit (Without Paint)

Students construct this DNA model from six different molecular pieces, collectively depicting sixteen nucleotide pairs worth of DNA (8 AT and 8 GC pairs). The base pairs and the sugar and phosphate units are each manufactured as single plastic units. Because there are only nine molecular parts per nucleotide pair, which snap together by means of a pop-it bead mechanism, the model can be easily assembled. The model may be disassembled and reassembled like a puzzle, enabling extended use. The model is unpainted and individual molecules may be painted by students either prior to or after assembly. Model does not include paint or paint brushes. (EduScience kit 9-102 includes paint.) A laboratory exercise and problem set accompany the model. After completing the building exercise and problem set, students will have a better understanding of the double helical structure and the function and properties of DNA. Contains instruction manual, 144 plastic DNA building pieces, rod, spacers, and wooden base. Building and painting project ideal for six students., Grades 7-14



ESB52136

Blood Typing Kit (With Red Blood Cells)

This kit provides both the red blood cells and the antisera for demonstrating ABO blood typing agglutination reactions. Students will use the red blood cells provided, eliminating the need to draw blood samples. Includes instructions for two blood typing methods, and both slide and test tube blood typing are performed, compared, and contrasted. Includes enhanced instructor's manual with student worksheets. This kit is drop ship only, and the blood cells included have a life expectancy of at least 20 days after arrival, but should be kept under refrigeration for best shelf life. Allow two weeks for delivery. Materials provided are sufficient for up to 36 students. Meets national standards for Grades 9-12. Also appropriate for college level. Must be Drop shipped from supplier.

ESB52138

Dna Model Kit (With Paint)

Students construct this DNA model from six different molecular pieces, collectively depicting sixteen nucleotide pairs worth of DNA (8 AT and 8 GC pairs). The base pairs and the sugar and phosphate units are each manufactured as single plastic units. Because there are only nine molecular parts per nucleotide pair, which snap together by means of a pop-it bead mechanism, the model can be easily assembled. The model may be disassembled and reassembled like a puzzle, enabling extended use. The model is unpainted and individual molecules may be painted by students either prior to or after assembly. Model with paint includes six paint colours, paint thinner, and six brushes. A laboratory exercise and problem set accompany the model. After completing the building exercise and problem set, students will have a better understanding of the double helical structure and the function and properties of DNA. Contains instruction manual, 144 plastic DNA building pieces, rod, spacers, and wooden base. Building and painting project ideal for six students. Grades 7-14



ESB52137

Blood Typing Kit (ABO)

Provide an exciting personal experience? this kit allows students to determine their own blood type, while learning the basics of ABO blood typing. Includes the antisera for demonstrating real ABO blood typing agglutination reactions. The specially designed Hema-Tag on which the blood typing identification is performed is self-adhesive and can be affixed in a student notebook for a permanent record. Includes enhanced instructor's manual with background material and student worksheets complete with answer keys. Antisera are perishable. Refrigerate to prolong shelf life. Materials provided are sufficient for up to 50 tests. Meets national standards for Grades 9-12. Also appropriate for college level.

ESB52139





Blood Typing Kit (ABO & RH)

Provide an exciting personal experience? this kit allows students to determine their own blood type, while learning the basics of ABO and Rh blood typing. Includes the antisera for demonstrating real ABO and Rh blood typing agglutination reactions. The specially designed Hema-Tags on which the blood typing identification is performed are self-adhesive and can be affixed in a student notebook for a permanent record. Includes an enhanced instructor's manual with background information, reproducible student worksheets, and complete answer keys. Antisera are perishable. Refrigerate to prolong shelf life. Materials provided are sufficient for up to 50 tests. Meets national standards for Grades 9-12. Also appropriate for college use.

ESB52140

Anti-A, Anti-B Serum Set

These highly specific monoclonal antisera are tested for Hbs Ag and HTLV-III (AIDS). Standard laboratory practices should be used, however, and all biological products should be treated as if capable of transmitting disease. Supplied in dropper vials of 5 mL for approximately 36 tests. Product is perishable and requires special shipping. Refrigerate for prolonged shelf life. Grades 9-14.

ESB52143



Blood Typing Kit (ABO & RH Lyophilized)

Provide an exciting personal experience, This kit allows students to determine their own blood type, while learning the basics of ABO and Rh blood typing. Includes

Lyophilized antisera for demonstrating real ABO and Rh blood typing agglutination reactions. The specially designed Hema-Tags? on which the blood typing identification is performed are self-adhesive and can be affixed in a student notebook for a permanent record. Includes an enhanced instructor's manual with background material, student worksheets, and complete answer keys. Lyophilized antisera provides the product with an extremely long and stable shelf life. Refrigerate antisera after reconstituting to prolong shelf life. Materials provided are sufficient for up to 50 tests. Meets national standards for Grades 9-12. Also appropriate for college use.

ESB52141

ABO/RH Synthetic Blood Typing Kit

The ability to type blood is imperative in medicine and criminology. In this kit students test four synthetic blood samples to identify their ABO and Rh blood types. For 30 students.

ESB52162

ABO/RH Synthetic Blood Typing Refill Kit

The ability to type blood is imperative in medicine and criminology. In this kit students test four synthetic blood samples to identify their ABO and Rh blood types. For 30 students..

ESB52163

Blood Typing Kit (Saliva)

Provide a truly unique and exciting personal experience this kit allows students to determine their own blood type without drawing blood. Students use their own saliva, from which secretors (80% of students) will be able to determine their ABO blood type. This kit provides real antisera for demonstrating true ABO blood typing agglutination reactions. Ideal for students in advanced biology, physiology, or biochemistry. Includes an enhanced instructor's manual with background information, reproducible student worksheets, and complete answer keys. Antisera and Blood Cells are perishable. Refrigeration prolongs shelf life. Reply card included for blood cells and lectin; materials must ship 2nd day air on ice in summer months. Reply card items are only shipped within the continental United States. Cells must be refrigerated and used within 20 days. Materials provided are sufficient for up to 50 tests. Requires a centrifuge or prolonged settling. Meets national standards for Grades 9-12. Also appropriate for college level.

ESB52142



Blood Typing Kit (Saliva)

Provide a truly unique and exciting personal experience this kit allows students to determine their own blood type without drawing blood. Students use their own saliva, from which secretors (80% of students) will be able to determine their ABO blood type. This kit provides real antisera for demonstrating true ABO blood typing agglutination reactions. Ideal for students in advanced biology, physiology, or biochemistry. Includes an enhanced instructor's manual with background information, reproducible student worksheets, and complete answer keys. Antisera and Blood Cells are perishable. Refrigeration prolongs shelf life. Reply card included for blood cells and lectin; materials must ship 2nd day air on ice in summer months. Reply card items are only shipped within the continental United States. Cells must be refrigerated and used within 20 days. Materials provided are sufficient for up to 50 tests. Requires a centrifuge or prolonged settling. Meets national standards for Grades 9-12. Also appropriate for college level.

ESB52142



Anti-RH Serum

This highly specific monoclonal antiserum to Rh factor is tested for HbsAg and HTLV-III (AIDS). Standard laboratory practices should be used, however, and all biological Products should be treated as if capable of transmitting disease. Supplied in dropper vials of 5 mL for approximately 36 tests. Product is perishable and requires special shipping. Refrigerate to prolong shelf life. Grades 9-14

ESB52144

Nucleic Acids Kit

This nucleic acids kit provides students with the opportunity to demonstrate differences between DNA and RNA in terms of chemical composition and internucleotide bonding. Experiments include: (1) reacting DNA, RNA, and nucleosides in the Bial's test for penthouses and the Dische diphenylamine test for deoxyribose; (2) the acid and alkaline hydrolysis of DNA and RNA. Required, but not included: fume hood, concentrated hydrochloric acid, concentrated sulfuric acid, and glacial acetic acid. Designed for 24 students working in six groups of four. Grades 10-14

ESB52151



Anti-A, Anti-B Lyophilized Serum Set

Lyophilized sera allow prolonged, stable storage and shelf life. Each set reconstitutes to 5 ml Anti-A serum and 5 ml Anti-B serum with addition of sterile or distilled water. Sera are tested for HbsAg and HTLV-III (AIDS), however, standard laboratory practices should be used when handling and all biological products should be treated as if capable of transmitting disease. Refrigerate after reconstituting to extend shelf life.

ESB52145

Anti-RH Lyophilized Serum

Lyophilized sera allow prolonged, stable storage and shelf life. Each vial reconstitutes to 5 ml Anti-Rh serum with addition of sterile or distilled water. Sera are tested for Hbs Ag and HTLV-III (AIDS), however, standard laboratory practices should be used when handling and all biological products should be treated as if capable of transmitting disease. Refrigerate after reconstituting to extend shelf life. Grades 9-14

ESB52146



Simutype (ABO)

These four orphans are trying to find their blood brothers or sisters from whom they were separated while very young. Is it possible that they are related? Learn the genetics, immunology, and medical implications of blood typing in the context of this fun and totally safe simulated blood typing activity. Includes complete 16 page instructor's manual, 72 reusable glass microscope slides, 50 Hema-tags for adhering results to lab books, mixing sticks, and 15 ml bottles simulated antisera and blood reagents. Meets national standards for grades 9-12.

ESB52147





Electrophoresis Apparatus

is a durable and seamless injection- moulded horizontal agarose electrophoresis unit designed for ease of use and safety. It balances hands-on student participation with economy. Included with the unit are a six-tooth comb and a double 8/10-tooth comb. The 7 cm x 10 cm gel casting tray has an embossing gel ruler and includes rubber end caps which seal the tray. Both the electrophoresis chamber and the gel casting trays are UV transparent.

ESB52155

Electrophoresis Power Supply

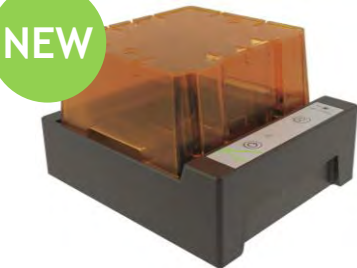
Our most popular electrophoresis power supply and runs gels quickly - in only 20-30 minutes at 150 V!

Features:

- Max Voltage: 150 Volts
- Voltage Steps: 75 or 150 Volts
- Max Current: 300 Milliamps
- Output Type: Constant Voltage
- Lead Inputs: 2 Sets, Recessed, Color Coded
- Fuse: 1.0 Amp 250V Glass Fuse



ESB52156



Electrophoresis System

- Ultra compact system
- 360° real-time and high-resolution vision
- Dimensions: 150 x 145 x 100 mm
- Agarose gel dimension: 61 x 42 mm
- Agarose gel volume: 15 mL
- Buffer volume: 150 mL
- LED trans illuminator 470 nm
- 2 lighting intensities
- LED optimal level indicator
- Equipped cover with safety cut-off
- Cover with safety circuit cut-off
- Power block compatible 100 - 240V AC

ESB52162

Dual Gel Electrophoresis Complete Kit

The latest in versatile electrophoresis design! Our newly Complete™ Electrophoresis Package supports up to two groups of students in two standard length gel trays for experiments that require less separation, or one long gel tray for experiments that require more. Produces excellent results in 30-40 minutes and includes a lifetime warranty.

New Features:

- Sleek New Design Speeds Electrophoresis
- Versatile Electrophoresis Accessories Included
- Contoured Lid for Enhanced Gel Visualization
- Large Color Coded Push Tabs for Easy Lid Insertion & Removal
- Pour Spout for Buffer Disposal
- Improved Ventilation Reduces Lid Condensation
- User Replaceable Electrodes Electrophoresis

Package Includes:

- (2) 7 x 7 cm Gel Trays
- (1) 7 x 14 cm Gel Tray
- (2) 6 Tooth Combs
- (2) 8/10 Tooth Combs
- (4) Rubber End Caps



ESB52154



Micro Pipette

Robust, accurate, easy to use, color coded, fun & cost effective micropipettes which use standard micropipette tips. No need to calibrate and impossible to measure the wrong volume! , Fixed Volume 5 or 10 or 20 or 24 or 30 µl (please select your suitable size)

ESB52157

Tallquist Haemoglobin Scale

The Tallquist Haemoglobin scale allows a quick assessment of a patient's haemoglobin levels. Allow blood to absorb into one of the test papers and compare the blood to the Colour scale to determine the concentration of haemoglobin in blood under normal and anaemic conditions. Includes a color chart and 150 test papers. Grades 9-14



ESB52149



Orbit Preview DNA Model

A great whole-class DNA project.

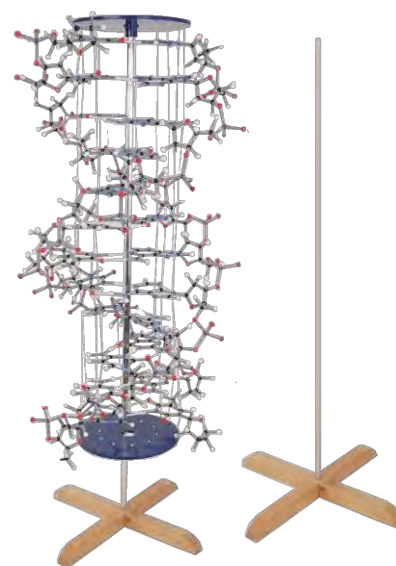
This detailed and large-scale 3d model helps pupils to understand the chemistry and structure of DNA.

Building the double helix model engages and educates students. Pupils work together to make up the sub assemblies - the Thymine-Adenine and Cytosine-Guanine base pairs, sugar rings and phosphate groups - which are joined together to make an impressive display and teaching resource. 12 base pairs show more than one turn of the double helix and the major and minor grooves of the protein lysozyme. Each atom is shown and coloured bonds indicate covalent or hydrogen bonding. The finished model is 85cm high and 40cm wide and can set on a suitable stand (eg 90cm laboratory stand) or hung from a hook.

The kit contains 750 atoms and 850 bonding straws from the Orbit molecular modelling system, a set of wooden plates for hanging the model plus assembly instructions and a worksheet examining the structure of DNA and process of transcription.

Part and fully assembled versions are also available. Please note the kit version comes with unpainted wooden plates and does not include a display stand and this can be purchased separately

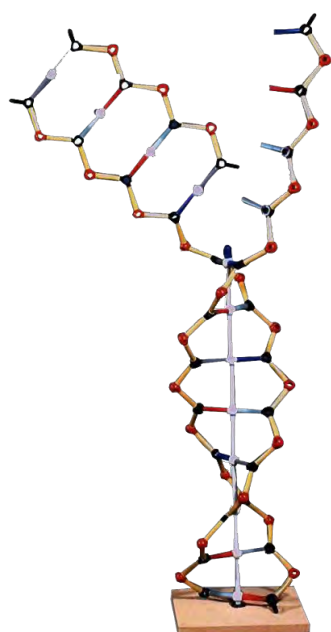
ESB52152



Stand For Orbit Preview DNA Model

A purpose-built display stand for the Orbit Preview DNA model with a wooden base and metal central support. The stand comes supplied in three sections for easy self-assembly and provides an elegant solution for displaying the completed model.

ESB52153



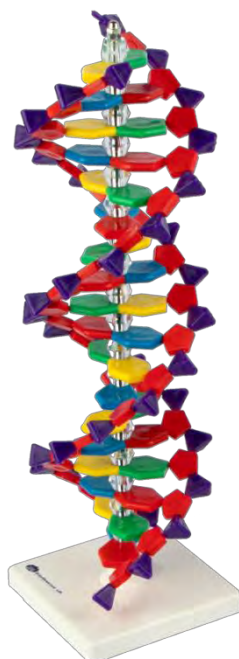
DNA & RNA Kit

The small DNA-RNA model shows the double helix and how the molecules split at the centre of the base pairs.

The DNA-RNA Model includes:

- 30 coloured tubes (Guanine red, Cytosine green, Thymine blue, Adenine gray, Uracil white)
- 12 white two prong centre, which represents the hydrogen bond between the base pairs
- 28 black trigonal atom centres which represent sugar
- 25 red two prong atom centres, which represent phosphate groups
- 50 yellow tubes that link the phosphate groups to the sugar rings
- Wooden base with support rod are included in the kit, Height 50 cm.

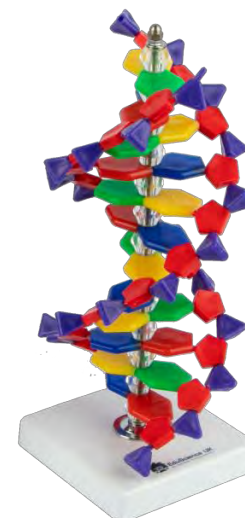
ESB52158



Mini DNA 22 Layers

These Mini DNA Molecular Kits provide an easy to understand introduction to DNA structure. Comprises abstract shaped, colour coded parts to represent the nitrogenous bases - Pentagonal sugar and pyramidal phosphate component parts present in the DNA double helix. Each component is designed so that it can only be attached in its correct position, e.g. Thymine will only pair Adenine. Can be constructed on the stand or without the separators provided. The model can also be uncoiled and 'unzipped' to produce two strands. Scale 1cm = 2 angostroms. Each kit contains all the necessary components, including stand, support rod and easy to follow instructions. Available as an 12 layer or 22 layer model kit.

ESB52160



Mini DNA 12 Layers

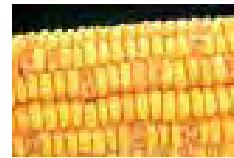
These Mini DNA Molecular Kits provide an easy to understand introduction to DNA structure. Comprises abstract shaped, colour coded parts to represent the nitrogenous bases - Pentagonal sugar and pyramidal phosphate component parts present in the DNA double helix. Each component is designed so that it can only be attached in its correct position, e.g. Thymine will only pair Adenine. Can be constructed on the stand or without the separators provided. The model can also be uncoiled and 'unzipped' to produce two strands. Scale 1cm = 2 angostroms. Each kit contains all the necessary components, including stand, support rod and easy to follow instructions. Available as an 12 layer or 22 layer model kit.

ESB52161

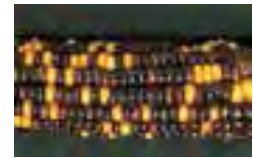




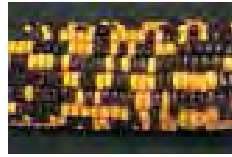
ESB52194



ESB52195



ESB52198



ESB52193



ESB52196



ESB52197

ESB52189 Soy-bean Seeds

"Green: Yellow Green:

Yellow (1:2:1), F2 seeds giving a 1:2:1, seedling ratio, showing incomplete dominance. These seeds will produce, seedlings in which the heterozygous plants show a clear phenotypic difference from homozygous green and yellow. pk/100"

Genetic Corn Ears

Corn ears are an excellent choice for studying Mendelian inheritance. The crosses have been done for you and a selection of F2 corn ears are available. There are numerous contrasting phenotypes expressed in corn seed. These phenotypes are easy to recognize and score. The corn ears are lacquer treated to improve appearance and increase their durability.

ESB52190 Purple starchy

ESB52191 Yellow starchy

ESB52192 Yellow sweet

Segregating Corn Ears

The corn ears are used to demonstrate several patterns of Mendelian genetics. Despatched with an explanatory guide.

ESB52193 R Colour Alleles 1:1

Purple:Yellow. The result of test crossing the F1 hybrid with the recessive parent ($R/r \times r/r$)

ESB52194 Wax Endosperm Alleles 3:1

Starchy : Waxy. Demonstrates segregation of the recessive endosperm character, waxy. Iodine solution is used to distinguish the phenotypes.

ESB52195 Su Endosperm Alleles 3:1

Starchy : Sweet. An F2 ear from a cross between a starchy (Su/Su) and a sweet (su/su) parent. The sweet seeds are wrinkled and the starchy seeds are smooth.

ESB52196 R and Su Alleles 1:1:1:1

Purple Starchy:Purple

Sweet:Yellow Starchy:Yellow

Sweet. The result of test crossing the F1 hybrid with the recessive parent. ($R/r Su/su \times r/r su/su$)

ESB52197 R and Su Alleles 9:3:3:1

For studying dihybrid inheritance. This corn ear allows you to show students organisms that differ their inheritance patterns in 2 traits: Purple Starchy: Purple Sweet: Yellow Starchy :Yellow Sweet. An F2 ear resulting from a P1 generation having the genotypes. ($R/R Su/Su$ and $r/r su/su$)

ESB52198 R Colour Alleles 3:1

Shows the relationship between genotypes and phenotypes. Perfect for demonstrations. What's the fastest way to explain the relationship between genotypes and phenotypes? Use this one ear of corn. Purple: Yellow. An F2 ear resulting from a P1 generation having the genotypes R/R and r/r .

ESB52199 Mendelian Genetics of Corn Kit

"Kit contains:

8 Segregating ears (Purple : Yellow) 8 Corn Parental Cross Cards A 8 Segregating ears (Starchy: Sweet) 16 Transparency markers 8 Segregating ears (Purple: Yellow :Starchy:Sweet) 8 Corn parental cross cards B Storage Box, Teachers manual For 32 students working in groups of 4. Topics include segregation and the independent assortment of alleles, dominance, genotype and phenotype. Expected ratios, mono-hybrid and dihybrid crosses and chi-square."



Seeds & Accessories

ESB52209	Barley Seeds	250g
ESB52210	Broad Beans	Quick growing , 250g
ESB52211	Clover Seeds	25g
ESB52212	Grass Seeds	25g
ESB52213	Sunflower Seeds	250g
ESB52214	Cress Seeds	100g
ESB52215	Potting Compost	2kg
ESB52216	Peat seeds	2kg
ESB52217	Lettuce Seeds	Grand rapids light sensitive Approx 10,000 per pack ,10g
ESB52218	Mustard Seeds	White , 250g
ESB52219	Lettuce Seeds	Approx 10,000 per pack ,10g
ESB52220	Oat Seeds	250g
ESB52221	Tomato Seeds	1g
ESB52222	Mung Beans seeds	250g
ESB52223	Pea Seeds	250g
ESB52224	Wheat Seeds	250g
ESB52225	Wild Type Brassica Seeds	pack of 200
ESB52226	Radish Seeds	50g



ESB52255

Liquid Fertiliser 1ltr

Plant Grow Lighting System Propagation Lighting

The PL4 propagation light has a 2 metre lead and hanging locations with rope supplied. The unit comes with four double 55 watt white lights for 'fast plant' growing and four Sylvania 55 watt colour 86 daylight bulbs for a maximum blue output. These bulbs are useful when growing a multitude of seeds/plants. The unit measures 60cmx32cmx10cm.

ESB52256

Replacement bulbs for lighting unit White

ESB52257

Replacement bulbs for lighting unit Blue/Colour

ESB52258





Osmosis & Diffusion Kit

Osmosis and diffusion are essential concepts in understanding how cells survive. The exchange between water and solutes is visually observed in this three part lab that takes no more than two class periods to complete. Students will utilize starch and glucose solutions with dialysis tubing to model the cell membrane and observe the processes of osmosis & diffusion. This laboratory activity is ideal for high school biology classes of all levels. Designed for 24 students working in six groups of four. Grades 9-12

ESB52287



Coliform Test Kit

A dramatic way to demonstrate the presence of coliform in water samples to students with a limited laboratory background. Eliminates the need for expensive laboratory equipment for teaching bacteriology, and includes all necessary materials alleviating extensive lab preparation. Great for leading into discussions about water pollution or environmental contamination. May be used in a multitude of science applications. Kit includes instructor's manual with background information, and enough materials for 24 students working individually, in pairs, or in groups. Includes 25 tubes for testing water for presence of Escherichia coli indicative of the presence of animal waste. Requires incubator (37C). Meets national standards for Grades 8-12.

ESB52288



Mechanisms Of Herbicides

This exercise is designed to demonstrate the effectiveness of different categories of chemical herbicides. Students transplant grasses and weeds into flats or pots and investigate how and why different plants are killed by different chemical herbicides. A simultaneous microbiological proof with inoculated agar plates is run to reinforce the results, further categorize herbicides, and determine possible effects of the herbicides on soil micro-organisms. Each group will choose two natural products and design a simple experiment to compare chemical vs. natural weed killers. A round table discussion including experimental designs, results, comparisons, and possible environmental impact culminates the exercise. Requires five class periods, plus research time. Required, but not included: heat source, flower pots or nursery flats, grass and weeds for transplanting. Designed for 24 students working in four groups of six. Grades 9-14

ESB52289



Introduction Microbiology Kit

Introductory Microbiology Kit
This kit is designed to give an introduction to Microbiology Studies. A workbook is included. The kit allows for 10 groups of students working individually or in groups.
Activities included are: Making broth cultures, effects of temperature, Making plate cultures, Antibiotics and their effects on cultures, Staining, Pasteurisation, Living bacteria study, Study of fungi, Life cycle of Mucor and many other activities and applications. The kit has been developed to give a thorough understanding of all the practical Activities that would be conducted in a 'real life' microbiology laboratory thus introducing students to the importance of this critical field of study.

ESB52290



Cultures

Our cultures are supplied on agar slopes in screw top vials. Each one is identified as gram + or -.

- | | | | |
|-----------------|--|-----------------|--|
| ESB52305 | Agrobacterium tumefaciens - Nutrient Agar | ESB52317 | "Streptococcus lactis + Lactococcus lactus. G.Y.L.A" |
| ESB52306 | Bacillus megaterium + Nutrient Agar | ESB52318 | Aspergillus oryzae Potato dextrose agar |
| ESB52307 | Bacillus stearothermophilus + Nutrient Agar | ESB52319 | Fusarium solani Potato dextrose agar |
| ESB52308 | Bacillus subtilis + Nutrient Agar | ESB52320 | Mucor hiemalis + Ve Strain Malt extract agar |
| ESB52309 | Erwinia carotovora - Nutrient Agar | ESB52321 | Penicillium chrysogenum Malt extract agar |
| ESB52310 | Escherichia coli K 12 Strain - Nutrient Agar | ESB52322 | Penicillium expansum Malt extract agar |
| ESB52311 | Escherichia coli B Strain - Nutrient Agar. Susceptible to T4 Bacteriophage | ESB52323 | Penicillium roqueforti Malt extract agar |
| ESB52312 | Lactobacillus bulgaricus + G.Y.L.A | ESB52324 | Rhizopus stolonifer Potato dextrose agar |
| ESB52313 | Lactobacillus casei + G.Y.L.A | ESB52325 | Saccharomyces cerevisiae Normal, diploid strain. Malt extract agar |
| ESB52314 | Micrococcus luteus + Nutrient Agar | ESB52326 | Sordaria fimicola Black Spored Sordaria agar |
| ESB52315 | "Pseudomonas fluorescens - Nutrient Agar" | ESB52327 | Sordaria fimicola White Spored Sordaria agar |
| ESB52316 | Staphylococcus albus + Nutrient Agar | | |



Counter

Hand held mechanical counter. Single lever action counts 0 to 9,999.

ESB52344

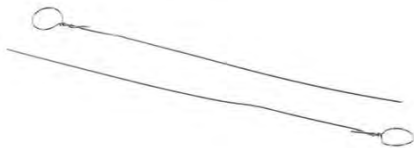


Inoculating Loop Holder

Metal handles with chuck to take inoculating wires and loops, lockable by a screw collar. Length: 150mm.

Pack of 5.

ESB52342



Inoculating Loop St. Steel

Nichrome wire with 2mm diameter loop formed at one end. For use with the Inoculating Loop Holder. Length: 50mm. Pack of 5.

ESB52341



Inoculating Loop Disposable

10µl loop at one end with a needle for stab culture or picking off colonies at the other. Sterile.

Pack of 20.

ESB52343





Colony Counter

Four digital displays
 4 digit display offers convenience of showing the present and previous three count values.
 Multi-counting average : can make average count from multiple counting.
 Exclusive BACK button : The BACK button offers the convenience of deducting data when over counting.
 Suitable for Petri-dishes in various diameters : adjustable dish holder can accept most Petri-dishes in a wide range of diameters from 90 to 150 mm or 60 mm.
 Pressure sensor design : Pressure sensor design can allow user to operate with any marking pens. No worry about sample spoiled or contaminated.

ESB52345

Colony Counter With Software

Four digital displays : 4 digit display offers convenience of showing the present and previous three count values.
 Multi-counting average : can make average count from multiple counting.
 Exclusive BACK button : The BACK button offers the convenience of deducting data when over counting.
 Suitable for Petri-dishes in various diameters : adjustable dish holder can accept most Petri-dishes in a wide range of diameters from 90 to 150 mm or 60 mm.
 Pressure sensor design : Pressure sensor design can allow user to operate with any marking pens. No worry about sample spoiled or contaminated.

ESB52346

Colony Counter Marking Pen

Marking pen for colony counter

ESB52347

Colony Counter Background Plate

Background plate for colony counting

ESB52348



Nichrome Wire Inoculating Loop

Pack of 5

ESB52352



Gram Stain Kit

Gram Stain Kit is for qualitative procedures to differentiate gram-positive from gram-negative micro-organism.

Include 4 x 250 mL bottles : Crystal Violet; Decolonize; Iodine; Safranin

ESB52351



Bacteria Spreader

Stainless steel rod bent to facilitate spreading bacterial dispersions evenly over an agar plate

ESB52354



**Glass Vials**

30ml tubular glass vial with fitted polypropylene cap
pack of 30

ESB52355

**Petri Dishes**

9 cm plastic triple vent pack of 20

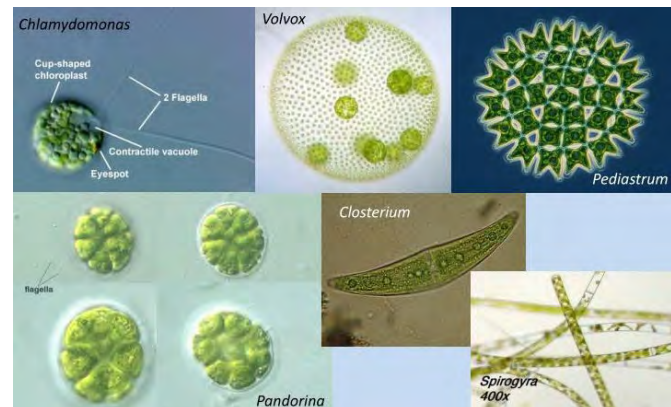
ESB52356

- ESB52404 Anti Human Ig A Serum Two millilitres
- ESB52405 Antibiotic Assay Discs - Box of 100 Pack of one hundred
- ESB52406 Antibiotic Assay Discs - Box of 1000 Pack of one thousand
- ESB52407 Penicillin G Sensitivity Discs - 1.5 units, Pack of 250
- ESB52408 Penicillin G Sensitivity Discs - 1.5 units, Pack of 50 Pack of fifty
- ESB52409 Penicillin G Sensitivity Discs - 10 units, Pack of 250
- ESB52410 Penicillin G Sensitivity Discs - 10 units, Pack of 50 Pack of fifty
- ESB52411 Penicillin G Sensitivity Discs - 5 units, Pack of 250
- ESB52412 Penicillin G Sensitivity Discs - 5 units, Pack of 50 Pack of fifty

**Living Culture**

- ESB52463 Paramecium caudatum
- ESB52464 Amoeba
- ESB52465 Aquaspirillum serpens
- ESB52466 Bacillus megaterium
- ESB52467 - Bacillus subtilis
- ESB52468 Chlamydomonas pulsatilla
- ESB52469 Chlorella Medium Millilitre
- ESB52470 Chlorella pyrenoidosa
- ESB52471 Escherichia B strain
- ESB52472 Escherichia coli K12 strain
- ESB52473 Euglena spirogyra
- ESB52474 Immunodiffusion (Buffered Agar) Medium
- ESB52475 L shaped spreaders Pack of twenty five

- ESB52476 Lactobacillus casei
- ESB52477 Pseudomonas fluorescens
- ESB52478 Rhizobium leguminarum
- ESB52479 Spirogyra varians
- ESB52480 Staphylococcus epidermidis
- ESB52481 Streptococcus Faecalis
- ESB52482 Streptomycin Sensitivity Discs - 25g, Pack of 250
- ESB52483 Streptomycin Sensitivity Discs - 25g, Pack of 50 Pack
- ESB52484 Vibrio natriegens





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MICROSCOPIES

- Monocular
- Binocular
- Digital
- Stereo
- Slides





Microscope Biological Monocular HM-1

H-1 Series microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, and agricultural & study field. H-1 series microscopes are ideally suited for school biological education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department.

- Monocular Head, Inclined at 30°, 360° Rotatable
- Wide Field Eyepiece WE 1 OX/1R
- Achromatic Objective 4X, 10X, 40X, 100X
- Quadruple Nose-piece
- Double Layers Mechanical Stage 125 X125min/60x40min
- NA 1.25 Abbé Condenser with Iris Diaphragm
- Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 14mm
- 1W LED Illumination, Brightness Adjustment
- Blue Filter / Green Filter / Yellow Filter

ESB52672

Microscope Student Monocular HM-Basic

HM-Basic is our most popular elementary student microscopes!

This microscope is slightly smaller in size for young scientists without sacrificing high quality glass optics. The student elementary microscope includes Up and Down LED illumination, rugged metal components and has been built with student proofing features to eliminate damage to microscope and loss of parts.

- Monocular
- Head, Inclined at 45°
- Wide Field Eyepiece WF10XJ16
- Wide Field Eyepiece WF25
- Achromatic Objective : 4X, 10X, 40X
- Triple Nose-piece
- Plain Stage with Slide Clip 95X95mm
- NA 0.65 Condenser with Iris Diaphragm
- Coaxial Coarse and fine adjustment
- Up and Down LED II
- Illumination, Brightness Adjustment for down illumination



ESB52673



Microscope Monocular HM-2

HM-2 microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, and agricultural & study field. These microscopes are ideally suited for school biological education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department-

- Viewing Head: Monocular Head
- Eyepiece : Wide Field Eyepiece WF10X/18 2
- Objective : Achromatic Objective 4X, 10X, 40X
- Nose-piece : Quadruple Nose-piece
- Stage : Double Layers Mechanical Stage 132X142min/75x40mm
- Condense r: NA 1.20 Abbé Condenser with Iris Diaphragm and filter
- Focusing System Coaxial Coarse and Fine Adjustment, Fine Division 0.004mm, Coarse Stroke, 32.7mm per Rotation, Fine Stroke 0.4mm per Rotation, Moving Range 24mm
- Illumination : S-LED Illumination, Brightness Adjustment

ESB52674



Microscope Monocular HM-3

HM-3 microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, and agricultural & study field. These microscopes are ideally suited for school biological education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department-

Viewing Head: Monocular Head

Eyepiece: Wide Field Eyepiece WF10X/18 2

Objective : Achromatic Objective 4X, 10X, 40X; Achromatic Objective 100X

Nose-piece : Quadruple Nose-piece

Stage :Double Layers Mechanical Stage 132X142mm/75x40mm

Condenser : NA 1.20 Abbé Condenser with Iris Diaphragm and filter

Focusing System Coaxial Coarse and Fine Adjustment, Fine Division 0.004mm, Coarse Stroke, 32.7mm per Rotation, Fine Stroke 0.4mm per Rotation, Moving Range 24mm

Illumination : S-LED Illumination, Brightness Adjustment

ESB52675



Microscope Monocular Advance

Viewing head: Monocular Head

Eyepiece : 2x Wide Field Eyepiece WF 10X/18

Objective : Achromatic Objective 4X. 10X, 40X, 100X

Nose-piece : Quadruple Nose-piece

Stage : double Layers Mechanical Stage 140X140mm/75x50mm

Condenser : NA 1.25 Abbé Condenser with his Diaphragm

Focusing System : Coaxial Coarse and Fine Adjustment. Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm

Illumination : Single LED Illumination, Brightness Adjustment

Filter: Blue Filter, Green Filter

ESB52676

Microscope Monocular Digital

Monocular head, Inclined at 45°, 360° rotatable , 1280x1024(1.3M Pixel) , USB2.0 output mode.

Objective : Achromatic Objective (DIN) 4X,10X,40X,100X

Eyepiece : WF10X/ 18

Stage : Double Layers Mechanical Stage 115X125mm/70X20mm

Operation system: WINDOWS 2000/XP/VISTA 32 Bit or 64 Bit

Illumination : 1W Powerful LED Illumination, brightness adjustable

Focusing: Coaxial coarse and fine adjustment

ESB52720





Microscope Biological, Binocular Digital HB-2D

HB-2 series microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life, it is also very comfortable for observation. These microscopes are widely used in educational, academic, agricultural and study field. With a microscope adaptor, a digital camera (or digital eyepiece) can be plug into the trinocular tube or the eyepiece tube. Built-in rechargeable battery is optional for outdoors operation or places that power supply is not stable.

Description

New machining facility and advanced alignment technology

Complete functions and outfit of binocular microscope

Comfortable operation with updated and ergonomic design

Specimen images are taken with HB-2

Achromatic objective supply the sharp image after adjusting Iris diaphragm. You can get high resolution and contrast ratio image at low or high magnification. 3W Single LED illumination supplies bright background. According to different demands. It also can install 6V/20W halogen bulb, then the lighting effect is the same

High-powered single LED cold light illumination

It maintains constant colour temperature and closes to sun light. It can apply bright white back-ground without filter that is the best choice of observation for bright-field and photography by CCD. The illumination supplies stable brightness and temperature difference never occurred even long time worked. Comparing with halogen lamp, LED has lower power dissipation. Brightness is adjustable freely by the rotatable key at lower right side.

Siedentopf Binocular Head, Inclined at 30°, Inter popularise distance is adjustable from 55mm to 75mm. The left eyepiece tube is 7.5 dioptre adjustable.

Double Layers Mechanical Stage 140X140mm/75x50mm

Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm

With quadruple nose-piece, it is equipped with Achromatic Objectives:4X,10X,40X(S),100X(S, Oil) (Plan Achromatic Objectives 4X, 10X, 40X, 100X are optional). NA 1.20 (NA 1.25 is optional) Abbé Condenser with Iris Diaphragm is able to acquire light brighter.

Viewing Head: Compensation Free Trinocular Head, Inclined at 45°, Inter popularise Distance 55-75mm

Eyepiece : 2X WF10?/18

Objective : chromatic Objective 4X-10X-40X-100X

Backward Quadruple Nose-piece

Double Layer Mechanical Stage 132-142mm/ 75x40mm

Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm

Abbé NA 1.20 with Iris Diaphragm & Filter

S-LED, Brightness Adjustable

ESB52719



Microscope Digital With Built In Screen 2.4 Inch

This LCD HDMI microscope integrating LCD/HDMI/TV/USB functions is highly useful for students, teachers, collectors, hobbyists, and testers etc. to explore the microscopic world. Display: 2.4-inch LCD

Magnification Ratio: 10x to 220x

Image sensor: 3 Mega Pixels

Photo size: 3M, 5M, 8M, 12M

Video size: 1080P, 720P, VGA

Video output : HDMI/TV/USB

Focus Range : Manual focus from 10mm to 50mm

Storage : Micro-SD card, up to 32G

Measurement : Yes, when working as a USB microscope

Light source : 6 LED (adjustable by control wheel)

Power source : Built-in Li-ion Battery or 5V DC-in

Size : 110mm (H) x 80mm (L) x 55mm (W)

ESB52742



Microscope Digital With Built In Screen 3.5 Inch

3.5-inch Standalone 1200x 5M LCD Digital Microscope with Photo/Video Measurement

- * 3.5" LCD Display
- * 5M pixels image sensor
- * Professional microscopic lens
- * 300x magnification, up to 1200x by digital
- * 8 LEDs with brightness adjustable
- * Battery powered, Portable and Standalone
- * Measurement function
- * TV-out to any monitor with TV-in
- * Image Sensor : 5 Mega Pixels (true resolution)
- * LCD Panel : 3.5inches
- * Still capture resolution : 12M, 9M, 5M, 3M, 1.3M, VGA
- * Video capture resolution : 12M, 9M, 5M, 3M, 1.3M, VGA
- * Focus Range : Manual focus from 10mm to 50mm
- * Frame Rate : Max 30f/s under 600 Lux Brightness
- * Magnification Ratio : up to 1200x
- * TV output : Available (to any monitor with TV in)
- * Card Slot : Support Micro-SD Card slot up to 32GB SDHC
- * Light source : 8 LED (adjustable by control wheel)
- * Battery : Rechargeable lithium battery (recharged by adaptor or USB)
- * Measurement : By software (Portable Capture with OSD language: English, German, Spanish, French, Russian)
- * OSD language : English, German, Spanish, French, Russian
- * Bundle software : Portable Capture with measurement
- * Product Size : L149 * W104 * H227 mm
- * Weight : 1100g
- * Certificates : With CE, FCC approval, ROHS compliance

ESB52743



Microscope USB Digital 200X With 8 LED

USB Digital Microscope is a high-tech while easy to use Digital Microscope. 8 LEDs with brightness adjustable are good for any inspection environment.

It is applicable in many fields such as visual inspection on electronic components, and materials in a full range of uses, beauty shop and education.

Its 2M image sensor presents vivid and sharp amazing image. The measurement software can help you to measure tiny objects easily and precisely (as small as 0.001mm). With this unit you may see a unique & "bigger" world. Image sensor : 2 Mega Pixels

- * Focus Range: Manual focus from 10mm to 500mm
- * Frame Rate: Max 30f/s under 600 Lux Brightness
- * Magnification Ratio : 10x to 200x
- * Light source : 8 LED (adjustable by control wheel)
- * Still capture resolution : 1920x1080, 1280x720, 640x480
- * Video capture resolution : 1920x1080, 1280x720, 640x480
- * Frame Rate : Max 30f/s under 600 Lux Brightness
- * Video format : AVI
- * Photo format : JPEG or BMP
- * PC interface : USB2.0
- * Power source : 5V DC from USB port
- * Operation system : Windows 7/8/10, Mac OS X 10.10 or above
- * OSD language : English, German, Spanish, Korean, French, Russian
- * Bundle software : Micro Capture with measurement & calibration function
- * Working temperature: -20°C ~ +60°C
- * Size: 110mm (L) x 33mm (R)

ESB52744





Microscope USB Digital 400X With 8 LED

The 400 X digital microscope is a high-tech while easy to use USB Digital Microscope. It is applicable in many fields such as visual inspection on electronic components, and materials in a full range of uses, beauty shop and education. 400x magnification bring you with tremendous details. With this unit you may see a unique & "bigger" world. Its 1.3M image sensor presents vivid and sharp amazing image. 8 LEDs with brightness adjustable are good for any inspection environment.

The measurement software can help you to measure tiny objects easily and precisely (as small as 0.001mm).

All the excellent features make it a good aid for your daily inspection on tiny objects.* Image sensor: 1.3 Mega Pixels

* Focus Range: Manual focus from 10mm to 500mm

* Frame Rate: Max 30f/s under 600 Lux Brightness

* Magnification Ratio: 10x to 400x

* Light source : 8 LED (adjustable by control wheel)

* Still capture resolution : 1280x960, 1280x720, 640x480

* Video capture resolution : 1280x960, 1280x720, 640x480

* Frame Rate : Max 30f/s under 600 Lux Brightness

* Video format : AVI

* Photo format : JPEG or BMP

* PC interface : USB2.0

* Power source : 5V DC from USB port

* Operation system : Windows2000/XP/Vista/Win7/Win8, Mac OS X 10.6 or above

* OSD language : English, German, Spanish, Korean, French, Russian

* Bundle software : Micro Capture with measurement & calibration function

* Working temperature : -20^oC ~ +60^oC

* Size : 130mm (L) x 33mm (R)

ESB52745

Microscope USB Digital With HDMI Output

This high-tech while easy to use microscope provides video crystal output directly. It adopts top quality image sensor and corresponding glass microscopic lens, ensuring the best image quality in the digital microscope field. User can share full HD image with others easily, especially useful for school teachers to share microscopic image with students.

It support photo capture; Micro-SD card storage. Image sensor: 3 Mega Pixels

* Video output: 1080P

* Video format: HDMI-H.264; USB-MJPEG

* Photo format: JPEG

* Photo resolution: 14M, 8M, 5M, 3M, 2M, WVGA

* Focus Range : Manual focus from 10mm to 500mm

* Frame Rate : Max 30f/s under 600 Lux Brightness

* Magnification Ratio: 10x to 220x

* Video-output Interface : HDMI

* Storage : Micro-SD card, up to 32G

* Light source : 6 LED (adjustable by control wheel)

* Operation Temperature : 0-55 degree

* Power source : 5V DC

* Size : 185mm (L) x 33mm (R)

ESB52747

Microscope USB Digital

USB Digital Microscope

Image sensor : 5 Mega Pixels (true resolution)

Still capture resolution : 5M, 3M, 1.3M, VGA, QVGA

Video capture resolution : 5M, 3M, 1.3M, VGA, QVGA

Focus range : Manual focus from 10mm to 500mm

Frame rate : Max 30f/s under 600 Lux Brightness

Magnification ratio : 20x and 300x

Light source : 8 LED (adjustable by control wheel)

PC interface : USB2.0

Operation system : Windows XP/Vista/Win7, Mac OS X 10.6 or above

Product size : 110mm (L) x 33mm (R), Weight : 90g

ESB52746



Microscope Biological Binocular HB-2

New machining facility and advanced alignment technology
Complete functions and outfit of binocular microscope
Comfortable operation with updated and ergonomic design
Specimen images are taken with HB-2

Achromatic objective supply the sharp image after adjusting Iris diaphragm. You can get high resolution and contrast ratio image at low or high magnification. 3W Single LED illumination supplies bright background. According to different demands. it also can install 6V/20W halogen bulb, then the lighting effect is the same

High-powered single LED cold light illumination

It maintains constant colour temperature and closes to sun light. It can apply bright white background without filter that is the best choice of observation for bright-field and photography by CCD. The illumination supplies stable brightness and temperature difference never occurred even long time worked. Comparing with halogen lamp, LED has lower power dissipation. Brightness is adjustable freely by the rotatable key at lower right side.

Siedentopf Binocular Head, Inclined at 30°, Interpupillary distance is adjustable from 55mm to 75mm. The left eyepiece tube is 5 dioptre adjustable.

Double Layers Mechanical Stage 140X140mm/75x50mm

Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm

With quadruple nose-piece, it is equipped with Achromatic Objectives : 4X,10X,40X(S),100X(S, Oil) (Plan Achromatic Objectives 4X, 10X, 40X, 100X are optional). NA 1.20 (NA 1.25 is optional) Abbé Condenser with Iris Diaphragm is able to acquire light brighter.

Viewing Head: Compensation Free Binocular Head, Inclined at 45°, Interpupillary Distance 48-75mm
Eyepiece : 2 X WF10X/18

Achromatic Objective : 4X-10X-40X-100X

Backward Quadruple Nose-piece, Double Layer Mechanical Stage 132X142mm/ 75X40mm

Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm, Abbé NA 1.20 with Iris Diaphragm & Filter
S-LED, Brightness Adjustable



ESB52780

**Microscope Biological Binocular HB-1**

Siedentopf Binocular Head, Inclined at 30°, Interpupillary 55-75mm

Wide Field Eyepiece WF 10X/18

Achromatic Objective 4X, 10X, 40X, 100X

Quadruple Nose-piece

Double Layers Mechanical Stage 125 X125mm/60x40mm

NA 1.25 Abbé Condenser with Iris Diaphragm

Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 14mm

1W LED Illumination, Brightness Adjustment

Blue Filter | Green Filter | Yellow Filter

ESB52781

**Microscope Biological Binocular HB-ADV**

Viewing head: Siedentopf Trinocular Head, Inclined at 30°, Interpupillary 55-75mm

Eyepiece: 2x Wide Field Eyepiece WF 10X/18

Objective: Achromatic Objective 4X, 10X, 40X, 100X

Nose-piece: Quadruple Nose-piece

Stage : double Layers Mechanical Stage 140X140mm/75x50mm

Condenser : NA 1.25 Abbé Condenser with his Diaphragm

Focusing System : Coaxial Coarse and Fine Adjustment. Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm

Illumination : Single LED Illumination, Brightness Adjustment

Filter : Blue Filter, Green Filter

ESB52782



Microscope Biological Binocular

EB2900 Series Biological Microscope features the same infinity corrected optical system used in EduScience research microscopes.

The microscope is a built-to-last, top-quality biological microscope ideal for diagnostic analysis of medical purpose, basic laboratory use or as a student microscope

for educational purposes. It meets all lab needs of today's student. With the newly developed LED illumination system, these microscopes produce brighter, Sharper, clearer images for a noticeably enhanced view. The advanced ergonomics and durable design ensure years of comfortable and stable use.

Best of all, EB2900 maintains the same operational ease and rigidity common to all EduScience microscopes and is compatible with many accessories for higher-grade EB2900 series microscopes. Newly designed accessories for phase contrast, dark field and simple polarization are available.

Optical System : Finite Optical System

Viewing head : Siedentopf Trinocular Head, Inclined at 30°, Interpupillary 46-75mm

Eyeiece : High Eye point Eyepiece PL10x/23mm, Dioptre Adjustment i5, Tube Diameter 30mm

Nose-piece : Backward Quadruple Nose-piece

Objectives : Plan Achromatic Objective 4X, 10X, 40X, 100X

Stage: New-Designed large graphite coating double layer mechanical stage: 216X150mm, travel range: 55X76mm, verniers for X/Y coordinate, precision 0.1mm, damped double slide clamp

Condenser : NA 1.25 Abbé Condenser with Iris Diaphragm

Focusing System: Coaxial Coarse and Fine Adjustment Knob, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Fine Focus Graduation of 1µm. Focus Range 16mm

Illumination : 3W LED Illumination with Kohler illumination system, Brightness Adjustment

Filter: Blue Filter, Green Filter

ESB52783



Microscope Biological Binocular Infinity Lenses

EB2900 Series Biological Microscope features the same infinity corrected optical system used in EduScience research microscopes.

The microscope is a built-to-last, top-quality biological microscope ideal for diagnostic analysis of medical purpose, basic laboratory use or as a student microscope

For educational purposes. It meets all lab needs of today's student. With the newly developed LED illumination system, these microscopes produce brighter, Sharper, clearer images for a noticeably enhanced view. The advanced ergonomics and durable design ensure years of comfortable and stable use.

Best of all, EB2900 maintains the same operational ease and rigidity common to all EduScience microscopes and is compatible with many accessories for higher-grade EB2900 series microscopes. Newly designed accessories for phase contrast, dark field and simple polarization are available.

Optical System : Infinity corrected optical system

Viewing head : Siedentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm

Eyeiece : High Eye point Eyepiece PL10x/23mm, Dioptre Adjustment i5, Tube Diameter 30mm

Nose-piece : Backward Quadruple Nose-piece

Objectives : Infinity Plan Achromatic Objective 4X, 10X, 40X, 100X

Stage: New-Designed large graphite coating double layer mechanical stage: 216X150mm, travel range: 55X76mm, verniers for X/Y coordinate, precision 0.1mm, damped double slide clamp

Condenser : NA 1.25 Abbé Condenser with Iris Diaphragm

Focusing System: Coaxial Coarse and Fine Adjustment Knob, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Fine Focus Graduation of 1µm. Focus Range 16mm

Illumination : 3W LED Illumination with Kohler illumination system, Brightness Adjustment

Filter : Blue Filter, Green Filter

ESB52784





ESB52817



ESB52821



ESB52825



ESB52828



ESB52829

Basic Series includes a wide selection of stereomicroscopes designed to satisfy every need in both teaching and amateur fields. The whole range is assembled according to the best technical standards. The optical system, thanks to its transparency, quality and depth, is at the top of its category. The series is composed of 15 models, each one designed to satisfy multiple needs.

Features

1. Interpupillary distance: 55-75mm
2. One tube with diopter adjustment: +/-5 Dio
3. Illumination: 110V or 220V/12V 10W, CE approval
4. Optional accessories:
 - (1). Inserted Objective 1X, 3X, 4X, 6X
 - (2). Rotated Objective 1X&2X, 1X&3X
 - (3) Eyepiece WF5X, WF15X, WF20X

Model	Illumination	Head and Body	Objective	W.D.	Eyepiece
ESB52817	No Light	Straight Viewing	2X	80MM	WF10X/20
ESB52818	Incident Light				
ESB52819	Incident/Transmitted Light				
ESB52820	No Light	Inclined Viewing Un-rotatable Body	Inserted	57MM	
ESB52821	Incident Light				
ESB52822	Incident Transmitted Light				
ESB52823	No Light	Inclined Viewing Body 360° rotatable	2X&4X	76MM	
ESB52824	Incident Light				
ESB52825	Incident Transmitted Light				
ESB52826	No Light	Inclined Viewing Body 360° rotatable	90° Rotated	76MM	
ESB52827	Incident Light				
ESB52828	Incident Transmitted Light				
ESB52829	Incident Transmitted Light				





ESB52830



ESB52831

Specifications		ESB52830	ESB52831
Eyepiece	WF10X / Φ 20	<input type="radio"/>	<input type="radio"/>
	WF5X,WF15X,WF20X	Optional	
Working Distance/Objective	2X & 4X/ 72mm	<input type="radio"/>	<input type="radio"/>
	1X & 2X/72mm , 1X & 3X/72mm	Optional	
Auxiliary Objective	0.5X,0.75X,1.5X,2X	Optional	
Illumination	No Light	<input type="radio"/>	
	Transmitted and Incident Light 110V or 220V/6V12W T-H Lamp		<input type="radio"/>

Long Working Distance Stereo Microscope



ESB52832

Specification

1. Long Arm for Microscope Body
2. Inclined Binocular Head Interpupillary Distance 55-75mm, Diopter Adjustment on Left Tube+/-5 Dio
3. Eyepiece WF 10X
4. Inserted Objective 1X
5. Working Distance of Objective 230mm
6. Illumination 110V or 220V/12V 10W Incandescent Lamp
7. Optional Accessories:
 - (1) Objective 0.5X, Working Distance 250mm
 - (2) Eyepiece WF 5X/ Φ 22, WF15X/ Φ 15, WF20X/ Φ 10



SUPERIOR STERIOSCOPIC MICROSCOPES

Features

- High quality, high function and excellent cost performance
- Best choose with ergonomic design, sharp image display and wide viewing field
- Providing a wide viewing field of $\Phi 20\text{mm}$ with the zoom ratio of 1:4.5
- Ideal instrument in academic, medical and industrial field



Diopter adjustable



Zoom objective 0.7 \times -3 \times / 1 \times -4.5 \times ,
Zoom ratio 1:4.3/ 1:4.5



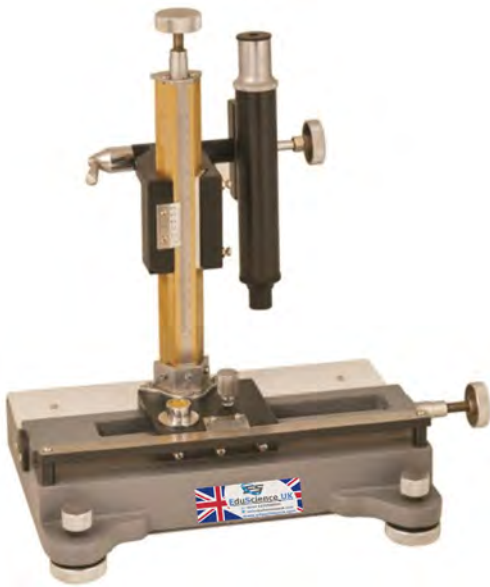
High resolution, Wide viewing field,
Long working distance



Binocular head inclined at 45°
Interpupillary 55-75mm

Model		ESB52841	
Viewing Head	Binocular head, inclined at 45°	1	
	Trinocular head, inclined at 45°		
	Binocular head, inclined at 60°		
Eyepiece	Wide field eyepiece 10 \times / $\Phi 20$	2	
	15 \times /16		
	20 \times /12		
	10 \times Eyepiece with cross hair		
Objective	Zoom objective	0.7~3x	1
		1~4.5x	
	Auxiliary Objective	2x, 0.75x, 0.63x, 0.5x	
Zoom Ratio	1:4.3		
	1:4.5	1	
Working Distance	97mm	1	
Illumination	LED Reflection Illumination	1	
	LED transmission Illumination	1	
Photo Attachment			
Video Attachment			





Vernier Microscope - Travelling

Horizontal and vertical scales of stainless steel. The cast iron base is fitted with levelling screws with the top duly machined over which slides a metal carriage. Slide can be clamped at any position by means of clamping screw. Fine adjustment for final reading is with a micrometer screw. A vertical slide operating in a similar way is fitted on the horizontal carriage. The microscope with rack and pinion is fitted on this vertical carriage and can be clamped in a vertical or horizontal position. Stage for placing objects for measurement is fitted with Perspex plate. Achromatic lenses have been used.

Slides travel 165mm horizontally and 140mm vertically. Scales are accurately divided. Vernier reading 0.02 or 0.01mm. The unit packed in wooden polished case.

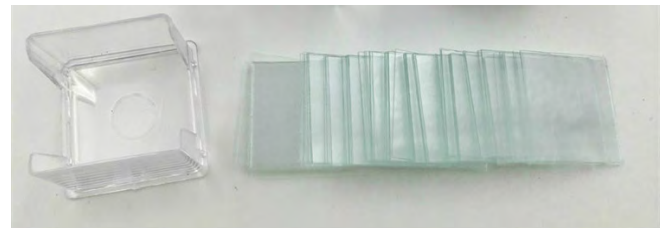
ESB52860



Microscopic Slide , 76/26 , Plain, (Pk/50)

Microscopic slides , 76/26 , plain, (pack of 50)

ESB52871



Microscopic Cover Slip 18 X 18 Mm

ESB52872 Size: 18 X 18 MM come in PK/100

ESB52873 Size: 20 X 20 MM come in PK/100



Haemocytometer Set

Complete set including double chamber, 2 cover glass, each one red and white diluting pipette with tubing and mouth piece

ESB52874



Haemometer Set

Haemometers are used for the determination of blood's content of haemoglobin's. our haemometer according to Sahli is supplied as complete set consisting of:

- polystyrene support with 2 coloured rods and opal glass plate
- comparator tube
- haemoglobin's pipette 20 µl acc. to Sahli
- silicone tubing of approx. 16 cm length
- white mouthpiece
- dropping pipette with rubber teat
- stirring rod
- acid vial
- cleaning brush

ESB52875



Slide Box Plastic

This polystyrene slide box is durable, compact and provides protection to 75mm x 25mm slides. The heavy walls will not warp, splinter or crack under normal use.

ESB52876





- ESB52878** MICROSLIDE ADAPTATION
- ESB52879** MICROSLIDE Air Pollution & Human Health
- ESB52880** MICROSLIDE Air Pollution and Plant Health
- ESB52881** MICROSLIDE Amphibians
- ESB52882** MICROSLIDE Animal Mitosis
- ESB52883** MICROSLIDE Aurelia-The Life Cycle
- ESB52884** MICROSLIDE Basic Human Histology
- ESB52885** MICROSLIDE Body Defenses Against Infection
- ESB52886** MICROSLIDE Cell Of Plants
- ESB52887** MICROSLIDE Cell Structure
- ESB52888** MICROSLIDE Cells Of Plants and Animals
- ESB52889** MICROSLIDE Cells Of Your Body
- ESB52890** MICROSLIDE Chromosomes and Genes In Action
- ESB52891** MICROSLIDE Comparative Circulatory Systems
- ESB52892** MICROSLIDE Comparative Digestive Systems
- ESB52893** MICROSLIDE Comparative Nervous Systems
- ESB52894** MICROSLIDE Comparative Respiratory Systems
- ESB52895** MICROSLIDE Dissection Set - Cat
- ESB52896** MICROSLIDE Dissection Set - Earthworm
- ESB52897** MICROSLIDE Dissection Set - Frog
- ESB52898** MICROSLIDE Drug Abuse
- ESB52899** MICROSLIDE Ecology Under The Microscope
- ESB52900** MICROSLIDE Egg To Tadpole To Frog
- ESB52901** MICROSLIDE Fighting Infections
- ESB52902** MICROSLIDE Fossils
- ESB52903** MICROSLIDE Fossils and Evolution
- ESB52904** MICROSLIDE From Flower To Fruit
- ESB52905** MICROSLIDE Fur, Feathers, Skin & Scales
- ESB52906** MICROSLIDE Galaxies and Nebulae
- ESB52907** MICROSLIDE Harmful and Helpful Bacteria
- ESB52908** MICROSLIDE Harmful Bacteria
- ESB52881** MICROSLIDE Amphibians
- ESB52882** MICROSLIDE Animal Mitosis
- ESB52883** MICROSLIDE Aurelia-The Life Cycle
- ESB52884** MICROSLIDE Basic Human Histology
- ESB52885** MICROSLIDE Body Defenses Against Infection
- ESB52886** MICROSLIDE Cell Of Plants
- ESB52887** MICROSLIDE Cell Structure
- ESB52888** MICROSLIDE Cells Of Plants and Animals
- ESB52889** MICROSLIDE Cells Of Your Body
- ESB52890** MICROSLIDE Chromosomes and Genes In Action
- ESB52891** MICROSLIDE Comparative Circulatory Systems
- ESB52892** MICROSLIDE Comparative Digestive Systems
- ESB52893** MICROSLIDE Comparative Nervous Systems
- ESB52894** MICROSLIDE Comparative Respiratory Systems
- ESB52895** MICROSLIDE Dissection Set - Cat
- ESB52896** MICROSLIDE Dissection Set - Earthworm
- ESB52897** MICROSLIDE Dissection Set - Frog
- ESB52898** MICROSLIDE Drug Abuse
- ESB52899** MICROSLIDE Ecology Under The Microscope
- ESB52900** MICROSLIDE Egg To Tadpole To Frog
- ESB52901** MICROSLIDE Fighting Infections
- ESB52902** MICROSLIDE Fossils
- ESB52903** MICROSLIDE Fossils and Evolution
- ESB52904** MICROSLIDE From Flower To Fruit
- ESB52905** MICROSLIDE Fur, Feathers, Skin & Scales
- ESB52906** MICROSLIDE Galaxies and Nebulae
- ESB52907** MICROSLIDE Harmful and Helpful Bacteria
- ESB52908** MICROSLIDE Harmful Bacteria



Slides

Microslides

Microscopes

ESB52909	MICROSLIDE Helpful Bacteria	ESB52934	MICROSLIDE Measuring The Big Bang
ESB52910	MICROSLIDE Heterotrophic Nutrition	ESB52935	MICROSLIDE Mechanisms For Survival
ESB52911	MICROSLIDE Honey Bee	ESB52936	MICROSLIDE Your Body
ESB52912	MICROSLIDE How A One-Celled Animal Divides	ESB52937	MICROSLIDE Algae
ESB52913	MICROSLIDE How Living Things Breathe	ESB52938	MICROSLIDE Monocots & Diocots
ESB52914	MICROSLIDE How Rocks Are Formed	ESB52939	MICROSLIDE Moss-The Life Cycle
ESB52915	MICROSLIDE How Things Breathe	ESB52940	MICROSLIDE Nerve and Muscle Action
ESB52916	MICROSLIDE How We Begin	ESB52941	MICROSLIDE Nutrition
ESB52917	MICROSLIDE Human Blood	ESB52942	MICROSLIDE Obelia-The Life Cycle
ESB52918	MICROSLIDE Human Diseases	ESB52943	MICROSLIDE Omnivores
ESB52919	MICROSLIDE Immunity	ESB52944	MICROSLIDE Parts Of An Insect
ESB52920	MICROSLIDE Ingestion (Amoeba)	ESB52945	MICROSLIDE Plants That are not Green
ESB52921	MICROSLIDE Insect Parts	ESB52946	MICROSLIDE Plants Without Flowers
ESB52922	MICROSLIDE Life Functions (Paramecia)	ESB52947	MICROSLIDE Porifera (Sponges)
ESB52923	MICROSLIDE Life In The Boreal Forest	ESB52948	MICROSLIDE Predators
ESB52924	MICROSLIDE Life In The Desert	ESB52949	MICROSLIDE Probing The Sun's Secrets
ESB52925	MICROSLIDE Life In The Grasslands	ESB52950	MICROSLIDE Protozoa
ESB52926	MICROSLIDE Life In The Rain Forest	ESB52951	MICROSLIDE Spectroscopy In The Sky
ESB52927	MICROSLIDE Life In The Soil	ESB52952	MICROSLIDE Survival By Camouflage (Hide and Seek)
ESB52903	MICROSLIDE Fossils and Evolution	ESB52953	MICROSLIDE Taxonomy
ESB52904	MICROSLIDE From Flower To Fruit	ESB52954	MICROSLIDE Teeth and Gums
ESB52905	MICROSLIDE Fur, Feathers, Skin & Scales	ESB52955	MICROSLIDE The Animal Kingdom
ESB52906	MICROSLIDE Galaxies and Nebulae	ESB52956	MICROSLIDE The Arachnids
ESB52907	MICROSLIDE Harmful and Helpful Bacteria	ESB52957	MICROSLIDE The Bee
ESB52908	MICROSLIDE Harmful Bacteria	ESB52958	MICROSLIDE The Birth and Death Of Stars
ESB52909	MICROSLIDE Helpful Bacteria	ESB52959	MICROSLIDE The Cytoplasm
ESB52910	MICROSLIDE Heterotrophic Nutrition	ESB52960	MICROSLIDE The Drosophila
ESB52911	MICROSLIDE Honey Bee	ESB52961	MICROSLIDE The Five Kingdoms Of Life
ESB52912	MICROSLIDE How A One-Celled Animal Divides	ESB52962	MICROSLIDE The Flower Of A Flowering Plant
ESB52913	MICROSLIDE How Living Things Breathe	ESB52963	MICROSLIDE The Frog
ESB52914	MICROSLIDE How Rocks Are Formed	ESB52964	MICROSLIDE The Human Brain (1994)
ESB52915	MICROSLIDE How Things Breathe	ESB52965	MICROSLIDE The Hydra
ESB52916	MICROSLIDE How We Begin	ESB52966	MICROSLIDE The Kingdom Fungi (1982)
ESB52917	MICROSLIDE Human Blood	ESB52967	MICROSLIDE The Kingdom Monera
ESB52918	MICROSLIDE Human Diseases	ESB52968	MICROSLIDE The Kingdom Protista
ESB52919	MICROSLIDE Immunity	ESB52969	MICROSLIDE The Leaf Of A Flowering Plant
ESB52920	MICROSLIDE Ingestion (Amoeba)	ESB52970	MICROSLIDE The Life Cycle Of Malaria
ESB52921	MICROSLIDE Insect Parts	ESB52971	MICROSLIDE The Microscope-A Tool For Learning
ESB52922	MICROSLIDE Life Functions (Paramecia)	ESB52972	MICROSLIDE The Monarch Butterfly
ESB52923	MICROSLIDE Life In The Boreal Forest	ESB52973	MICROSLIDE The Plant Kingdom
ESB52924	MICROSLIDE Life In The Desert	ESB52974	MICROSLIDE The Root Of A Flowering Plant
ESB52925	MICROSLIDE Life In The Grasslands	ESB52975	MICROSLIDE The Stem Of A Flowering Plant
ESB52926	MICROSLIDE Life In The Rain Forest	ESB52976	MICROSLIDE The Tidepool
ESB52927	MICROSLIDE Life In The Soil	ESB52977	MICROSLIDE Vegetative Propagation
ESB52928	MICROSLIDE Life On The Tundra	ESB52978	MICROSLIDE Your Brain
ESB52929	MICROSLIDE Locomotion	ESB52979	MICROSLIDE Your Life and Breath
ESB52930	MICROSLIDE Mapping The Stars	ESB52980	MICROSLIDE Your Teeth and Gums
ESB52931	MICROSLIDE Marchantia - The Life Cycle (1969)	ESB52981	MICROSLIDE Yours Glands
ESB52932	MICROSLIDE Marine Biology		
ESB52933	MICROSLIDE Marine Plankton		



Prepared Slide Set Basic Biology

Set of 25 different slides covers the major requirements for a basic course in biology. Selected slides from the zoology, histology and botany sections make up this useful set. Supplied in Box.

Paramecium, E Paramecium, conjugation, E Hydra, TS Hydra, with testis, TS Hydra, with ovary, TS Taenia (tapeworm), scolex, LS Taenia, proglothead, E Compact bone, TS Striated muscle, LS Cardiac muscle, LS Spinal cord, TS Nerve cells, smear Skin, VS Kidney, VS Lycopodium strobilus, LS Spirogyra, conjugation, Yeast, E Liliium (lily), anther, TS Dryopteris, pinnule with sori, TS Stigma with pollen tube Liliium (lily), anther, TS Dryopteris, pinnule with sori, TS Stigma with pollen tube Cucurbita (marrow), stem, TS Liliium, ovary, TS

Tilia (lima), young and old stem, TS Lumbricus (earthworm), TS, typhlosole Helianthus, stem, secondary thickening, TS.

ESB52983

**Prepared Slide Set Basic Botany**

Set of 25 different slides covers the major requirements for a basic botanical specimens representing the major plant groups. Supplied in Box. Chlamydomonas, E, Spirogyra, vegetative filaments, E Spirogyra, conjugation, E Fucus, dioecious, antheridial and oogonial Mucor, conjugation Conceptacles on one slide, V Saccharomyces (yeast), budding, E Penicillium, mycelium and conidia, E Marchantia (liverwort), thallus, antheridia, V Marchantia thallus, archegonia, V Mnium (moss), antheridial head, V Marchantia developing sporogonium, V Mnium, archegonial head, V Dryopteris (fern), prothallus with antheridia, Dryopteris, pinnule with sori, TS and archegonia, E Pinus (pine), leaf, TS, Allium (onion), root apex, mitosis, LS Zea, (maize), leaf, TS, Helianthus (sunflower), young root, TS Zea, stem, TS, Helianthus, stem, TS Cucurbita (marrow), stem LS for sieve tubes Tilia (lime), young and old stem, TS Ranunculus (buttercup), flower bud, LS Prunus (cherry), leaf, TS Pollen grains, wind and insect distribution, E

ESB52984

**Prepared Slide Set Bacteria Set/12**

Set of 12 different slides of bacteria supplied in plastic box includes: Mixed bacteria, bacilli, cocci and spirillum Mycobacterium tuberculosis, in tissue Cocci, Gram positive and negative Rhizobium, in root nodule Bacilli, Gram positive and negative, Vibrio Escherichia coil, Spirillum, Bacillus subtilis Staphylococcus epidermidis, Bacillus megaterium Streptococcus lactis

ESB52985

**Prepared Slide Set General**

Set of 50 Slides Bacteria-3 types-SMR, Hydra-WM Amoeba-WM Obelia colony-WM Paramecium-WM, Dugesia (Planaria)-WM Euglena-WM, Fluke (Clonorchis)-WM Volvox-WM, Hookworm, Spirogyra-WM Earthworm-CS, Bread mold Sexual-WM Insect Spiracle-WM, Penicillium-WM Fly wing and leg-WM, Mushroom gill-CS Honeybee sting-WM, Moss antheridia-CS Grasshopper testis-CS, Moss archegonia-CS Ascaris female gonads-CS, Fern prothallia-WM Frog egg-CS, Fern rhizome-CS, Frog egg blastula-CS Polypodium sori-CS Mammal skin-CS, Onion root tip-LS, Frog blood-SMR Dicot root-CS, Mammal intestine-CS Monocot/dicot stem-CS, Amphiuma liver-CS Woody stem-CS, Chick-33-hour-WM Dicot leaf-CS, Chick-96-hour-CS Columnar epithelium, Onion epidermis-WM Squamous epithelium-SMR, Lily bud-CS Corn seed embryo-CS, Bone-CS Mixed pollen-WM, Mammal ovary-CS Spongy tissue-CS grantia, Mammal Testis-CS Spongy tissue-WM, Human sperm-SMR.

ESB52986

**Prepared Slide Set Human Histology**

Set of 25. Supplied in Box. Cerebellum, Section Ileum, section Spinal cord, TS, Duodenum, TS Nerve, TS and LS, Appendix, TS Artery and vein, TS, Colon, V Cardiac muscle, section, Pancreas, section Lymph node, section Liver, section, Spleen, section Kidney, section Scalp, VS, Ovary, section Skin, heavily pigmented, section Uterus, section Striated muscle, section Cervix, section Mammary gland, section Testis, section Oesophagus, section Thyroid gland, section Stomach, fundic portion, section

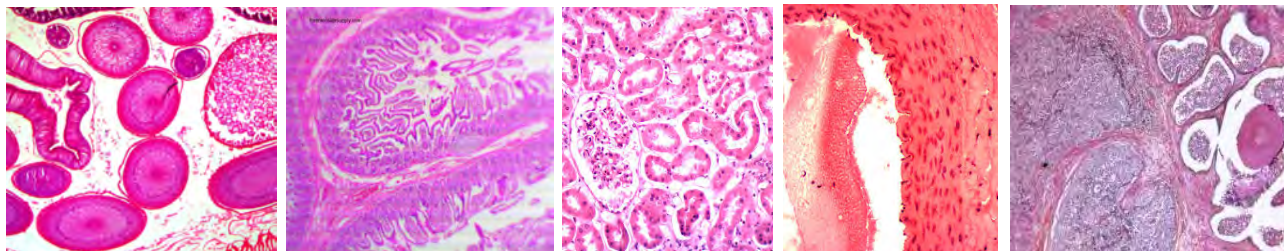
ESB52987

**Biological Science Set Of 50 Kit**

Biological Science Set of 50 KIT

ESB52988





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Textile Fibres and Fabric Microscope Slides Pack of twenty five

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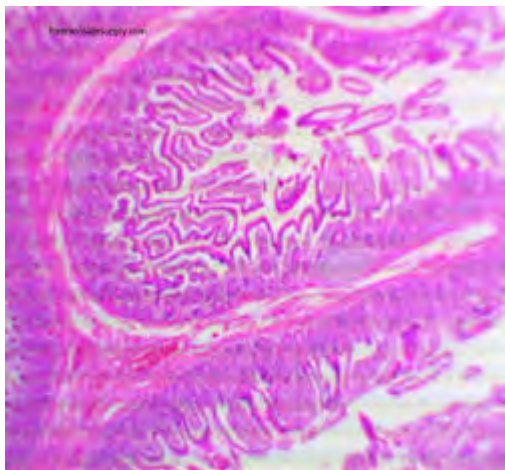
Zoology Slides

- ESB53003** Adipose tissue, sec.
- ESB53004** Adrenal gland T.S.
- ESB53005** Cortex and medulla
- ESB53006** Aorta
- ESB53007** Vein, T.S.
- ESB53008** Areolar connective tissue
- ESB53009** Artery and vein, thin sec.
- ESB53010** Vein, thin sec.
- ESB53011** Bed bug (*cimex lectarius*) w.m.
- ESB53012** Bronchus T.S. (plastic embedded)
- ESB53013** Cardiac muscle L.S.. intercalated discs.
- ESB53014** Cardiac stomach T.S.
- ESB53015** Catshark (*scyliorhinus*) h.s. gill arch of late embryo
- ESB53016** Ciliated epithelium T.S. oviduct (plastic embedded)
- ESB53017** Cockroach (*periplaneta*), head entire.
- ESB53018** Colon T.S. large intestine
- ESB53019** Compact bone L.S.
- ESB53020** Compact bone T.S.
- ESB53021** Compact bone T.S. decalcified femur
- ESB53022** cuboidal epithelium sec.
- ESB53023** Kidney tubules
- ESB53024** Earthworm (*lumbricus*) T.S. Intestinal region
- ESB53025** Earthworm (*lumbricus*) T.S. Intestinal region (for insertion of chaetae)
- ESB53026** Effector nerve endings (intercostal muscle)
- ESB53027** Frog blood smear
- ESB53028** Fruit fly (*drosophila melanogaster*) salivary gland
- ESB53029** fundic stomach T.S.
- ESB53030** Housefly (*musca domestica imago*) head and proboscis entire
- ESB53031** Human blood smear, giemsa stained
- ESB53032** Human cardiac muscle, sec.
- ESB53033** Human molar or canine tooth I.S.
- ESB53034** Human pacinian corpuscle V.S. (skin or pancreas)
- ESB53035** Human plantar skin V.S. (triple stain)
- ESB53036** Human scalp V.S. (triple stain)
- ESB53037** Human thyroid, sec.
- ESB53038** Hydra I.s. general structure
- ESB53039** Hydra t.s. for endoderm and ectoderm structure
- ESB53040** Hydra w.m. budding
- ESB53041** Hydra w.m. carefully extended and stained.
- ESB53042** Insect trachea (cockroach or locust)
- ESB53043** Liver (human) V.S.
- ESB53044** Liver (pig) V.S.
- ESB53045** Liver fluke (*fasciola hepatica*) w.m. carefully extended specimen
- ESB53046** Liver, injected, sec.
- ESB53047** Locust embryo squash (acetic orcein and feulgen stain)
- ESB53048** Locust, v.s. Head and eye (triple stain)
- ESB53049** Lung t.s. Stained for elastic and collagen fibres of alveolar walls.
- ESB53050** Lung, injected, thick sec.
- ESB53051** Lung, t.s. thin sec. (plastic embedded)
- ESB53052** Lymph node t.s. cortex and medulla (plastic embedded)
- ESB53053** Mammal duodenum, sec. (brunners glands)
- ESB53054** Mammal hyaline cartilage, sec.
- ESB53055** Mammal ileum, sec.
- ESB53056** Mammal small intestine t.s.
- ESB53057** Mammal yellow elastic cartilage, sec.
- ESB53058** Medulla oblongata t.s.
- ESB53059** Mites w.m.
- ESB53060** Mosquito (*anopheles*) w.m. female adult, mouthparts
- ESB53061** Nematode (*trichinella spiralis*) encysted larvae in muscle sec.
- ESB53062** Nerve cells (spinal cord smear)
- ESB53063** Non-striated (smooth) muscle, intestinal wall
- ESB53064** Pancreas for islets of langerhans
- ESB53065** Peripheral nerve I.s.
- ESB53066** Peripheral nerve t.s.
- ESB53067** Peripheral nerve t.s. (plastic embedded)
- ESB53068** Pituitary v.I.s.
- ESB53069** Planarian worm t.s. (triple stain)
- ESB53070** Polychaete worm (*nereis*) w.m. parapodium.
- ESB53071** Pseudostratified ciliated columnar epithelium t.s. trachea/bronchus
- ESB53072** Rabbit oesophagus t.s.
- ESB53073** Rat cerebellum sec.
- ESB53074** Rat cerebral cortex, sec.
- ESB53075** Red bone marrow smear
- ESB53076** Respiratory system
- ESB53077** Scabies mite (*sarcoptes*) w.m. isolated adults
- ESB53078** Simple columnar epithelium of intestine
- ESB53079** Simple squamous epithelium - pavement tissue (frog skin)
- ESB53080** Small intestine I.s.
- ESB53081** Small mammal entire heart, I.s.
- ESB53082** Small intestine
- ESB53083** Snail (*helix*) w.m. radula
- ESB53084** Spinal cord c.s.
- ESB53085** Squamous epithelium - buccal smear
- ESB53086** Stomach for mucous, parietal and chief cells
- ESB53087** Stratified squamous epithelium t.s. oesophagus
- ESB53088** Striated muscle t.s. selected for muscle spindles
- ESB53089** Striated muscle, cardiac L.S.
- ESB53090** Striated muscle, skeletal, sec.
- ESB53091** Taenia pisiformis w.m. scolex
- ESB53092** Tapeworm (*echinococcus granulosus*) w.m. Complete
- ESB53093** Tapeworm (*taenia pisiformis*) ova in faeces
- ESB53094** Tapeworm (*taenia pisiformis*) W.M. cysticercus, scolex
- ESB53095** Tapeworm (*taenia*) T.S. proglottid (triple stain)



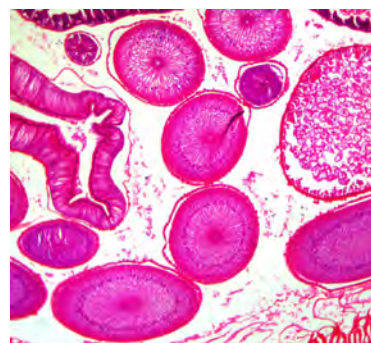
Zoology Slides

- ESB53096** Tendon L.S. white fibrous connective tissue
- ESB53097** Thyroid gland, sec.
- ESB53098** Thyroid and parathyroid T.S.
- ESB53099** Tongue V.S.
- ESB53100** Trachea (triple stain)
- ESB53101** Trachea T.S. thin sec. (h & e stain, plastic embedded)
- ESB53102** Transitional epithelium sec. bladder sec.
- ESB53103** Vertebral column (entire) T.S.
- ESB53104** White fibro-cartilage l.s. intervertebral disc.
- ESB53105** Yellow elastic connective tissue l.S.



Bacteria Slides

- ESB53106** Anabaena w.M. Filaments
- ESB53107** Bacillus cereus W.M.
- ESB53108** Bacillus megatherium W.M.
- ESB53109** Bacillus,
- ESB53110** Coccus and
- ESB53111** Spirillum W.M. (Gram stain)
- ESB53112** Escherichia coli W.M.
- ESB53113** Gram +VE and -VE bacilli W.M..
- ESB53114** Mycobacterium tuberculosis in sputum smear
- ESB53115** Nostoc filament
- ESB53116** Oscillatoria W.M.
- ESB53117** Rhizobium leguminosarum sec.
- ESB53118** Streptococcus lactic - microscope slide



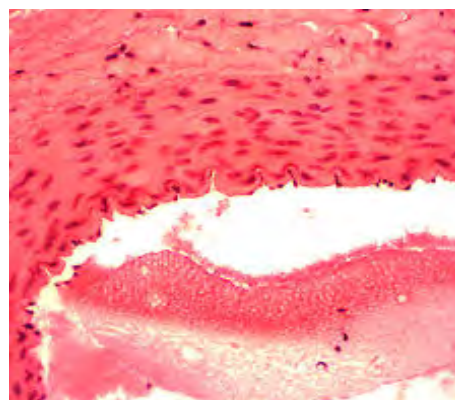
Plant Slides

- ESB53119** Allium root tip
- ESB53120** Allium root tip
- ESB53121** Beech (fagus) sun shade leaf sec.
- ESB53122** Broad bean (vicia) L.S. root tip
- ESB53123** Broad bean (vicia) T.S. young root hair region
- ESB53124** Buttercup (ranunculus repens) T.S. stem
- ESB53125** Buttercup (ranunculus) L.S. flower
- ESB53126** Buttercup (ranunculus) T.S. mature root
- ESB53127** Buttercup (ranunculus) T.S. root
- ESB53128** Buttercup (ranunculus) T.S. root, young (protoxylem only)
- ESB53129** Buxus (or alt. dicot) W.M. lower epidermis with stomata
- ESB53130** C3 and C4 leaf T.S.
- ESB53131** Capsella L.S. ovule - cotyledon stage
- ESB53132** Capsella L.S. ovule - early embryo, short serial
- ESB53133** Cherry laurel (prunus lauro-cerasus) T.S. leaf
- ESB53134** Club moss (mniun) L.S. archegonial head
- ESB53135** Club moss (mniun) L.S. capsule
- ESB53136** Crassulacean acid metabolism T.S. leaf
- ESB53137** Crowberry (empetrum nigrum) t.s. xerophytic leaf
- ESB53138** Cucurbita L.S. stem, sieve tubes
- ESB53139** Cucurbita T.S. stem, sieve tubes
- ESB53140** Cucurbita T.S. and l.s. stem
- ESB53141** Deadnettle (lamium) T.S. stem
- ESB53142** Drosera, sundew - microscope slide
- ESB53143** Elderberry (sambucus) t.s bark with lenticel
- ESB53144** Fern (dryopteris filix-mas) t.s. pinnule with sori.
- ESB53145** Fern w.m. prothallus (developing sporophyte, first leaf emerged)
- ESB53146** Fern W.M. prothallus (developing sporophyte, young stage)
- ESB53147** Fern w.m. prothallus (immature, archegonia only)
- ESB53148** Fig (ficus) T.S. leaf - multiple epidermis with sunken stomata cystoliths
- ESB53149** french bean (phaseolus) T.S. leaf
- ESB53150** Heather (erica) T.S. xerophytic leaf
- ESB53151** helianthus L.S. stem
- ESB53152** helianthus T.S. and L.S. stem
- ESB53153** Impatiens T.S. and h.L.S.leaf
- ESB53154** Lily (lilium regale)T.S. anthers - first meiotic division, early prophase
- ESB53155** Lily (lilium regale) T.S. anthers - first meiotic division, late prophase
- ESB53156** Lily (lilium regale) t.s. anthers - first meiotic division, metaphase
- ESB53157** Lily (lilium regale) T.S. anthers - second meiotic division
- ESB53158** Lily (lilium) germinating pollen



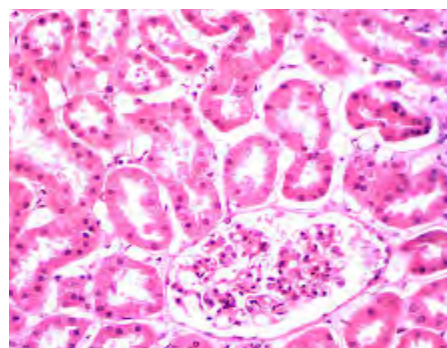
Plant Slides

- ESB53159** Lily (lilium) mature embryo sac
ESB53160 Lily (lilium) T.S. young flower bud.
ESB53161 Lime (tilia) T.S. old stem
ESB53162 Lycopodium T.S. stem.
ESB53163 Maize (zea mays) T.S. leaf
ESB53164 Maize (zea mays) T.S. root
ESB53165 Maize (zea) T.S. and L.S. stem
ESB53166 marchantia polymorpha v.s. antheriophore
ESB53167 with antheridia
ESB53168 Marchantia polymorpha v.s. sporogonium
ESB53169 Marram grass (ammophila arenaria) t.s. xerophyte
ESB53170 Mesophytic, hydrophytic and xerophytic leaf.
ESB53171 Monocot leaf T.S.
ESB53172 Dicot leaf T.S.
ESB53173 Monocot and dicot root C.S. comparison
ESB53174 Monocot stem T.S.
ESB53175 Dicot stem T.S.
ESB53176 Moss L.S. of antheridial head
ESB53177 Moss leaf W.M.
ESB53178 Nettle (urtica dioica) T.S. stem for stinging cells
ESB53179 Onion (allium) L.S. root tip (stained for mitosis, all stages) - set of 5
ESB53180 Onion (allium) root tip squash (feulgen acetic-orcein stain)
ESB53181 Onion (allium) root tip squash (stained for mitosis, metaphase)
ESB53182 Onion (allium) W.M. epidermis with stomata
ESB53183 Pine (pinus) T.S.. leaf
ESB53184 Pine (pinus) T.S. older stem plus annual rings
ESB53185 Pine (pinus) T.S. young root
ESB53186 Pine (pinus) w.m. stem to show xylem tubes.
ESB53187 Pinus l.s. whole female cone (1st year)
ESB53188 Pinus w.m. pollen
ESB53189 Pondweed (potamogeton) T.S. stem, hydrophyte
ESB53190 Potato (solanum) T.S. stem, tuber for starch
ESB53191 Privet (ligustrum) T.S. leaf
ESB53192 Privet (ligustrum) T.S. leaf
ESB53193 Rice T.S. root
ESB53194 Sorghum T.S. leaf
ESB53195 Sunflower (helianthus) T.S. root, young
ESB53196 Sunflower (helianthus) T.S. leaf
ESB53197 Sunflower (helianthus) T.S. root, old
ESB53198 Sunflower (helianthus) T.S. stem, old (secondary thickening)
ESB53199 Sunflower (helianthus) T.S. stem, old primary
ESB53200 Sunflower (helianthus) T.S. stem, young
ESB53201 Sunflower (helianthus) T.S. stem, young primary (pericycle fibres unthickened)
ESB53202 Sunflower (helianthus) T.S. stem, interfascicular cambium
ESB53203 Water lily (nymphaea) T.S. floating leaf



Extra

- ESB53204** Agaricus campestris V.S. Pileus, grills with basidiospores
ESB53205 Amoeba proteus w.M. Selected specimens
ESB53206 Aspergillus on substrate with conidiospores
ESB53207 Chlamydomonas W.M. Vegetative stages
ESB53208 Chlorella W.M.
ESB53209 Ectotrophic mycorrhiza W.M.
ESB53210 Endotrophic mycorrhiza C.S.
ESB53211 Euglena viridis (careful differential haematoxylin staining)
ESB53212 Lycopodium L.S. Strobilus
ESB53213 Mixed marine diatoms W.M. Protoplasts stained
ESB53214 Mixed protozoa W.M.. Common forms
ESB53215 Paramecium caudatum W.M. in conjunction
ESB53216 Paramecium caudatum W.M. (Careful differential staining)
ESB53217 Penicillium on diosubstrate with hyphae and conidiospores.
ESB53218 Plasmodium falciparum smear
ESB53219 Puccinia (wheat rusts) T.S. Host with uredospores
ESB53220 Rhizopus stolonifer W.M. With sporangia
ESB53221 Rhizopus stolonifer W.M. With zygospores
ESB53222 Saccharomyces cerevisiae W.M. Budding cells
ESB53223 Sordaria fimicola W.M.
ESB53224 Spirogyra vegetative filaments
ESB53225 Trypanosoma brucei in rat blood smear (giemsa stain)
ESB53226 Volvox W.M. Daughter colonies, sexual stages, zygotes





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