

ESB- 5100 Series Infinite Inverted Microscope



Order Code: ESB-5100PU Inverted Microscope with ESCT-05 Digital Cam

- Viewing head: Trinocular head inclined at 30°, interpupillary distance 48-75mm, 360° rotation with 0.5x C mount
- Nosepiece: 5 positions, with bidirectional rotation on ball bearings and click stop
- Eyepiece: High-point, extra wide field eyepiece EW10×/22mm
- Objectives:
 - LWD (Long working Distance) Infinite Plan Objective 4×/0.1, WD 17.3mm
 - Infinite Plan Phase Objective PH10×/0.25, WD10mm
 - Infinite Plan Phase Objective PH20×/0.4, LWD5.1mm
 - LWD (Long working Distance) Infinite Plan Objective 40×/0.6, WD 2.1mm
- Stage: Attachable Mechanical Stage 250×230mm, Translator with lowered ergonomic coaxial controls. X-Y 120×78mm
- Focusing: Coaxial coarse and fine adjustment, vertical objective movement, coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation
- Condenser: Long working distance condenser, numerical aperture 0.30, working distance 72 mm
The condenser can be removed in order to increase the working distance to 150 mm
- Telescope:
- Phase plate: 10x-20x, 40x Phase Annulus Plate (Fixed)
- Illumination: Halogen Lamp 6V/30W
- Supplied with: Dust cover, spare fuse, Diameter 45mm, Blue, Green and Ground Glass
- Power: 110v or 220V, 50/60Hz
- Digital camera: GT-05 digital camera, CMOS, 5MP, USB2.0, with image software

Optional Accessories

Cat. Number	Descriptions
ESMT1301001	Binocular head
ESMT1301002	Trinocular head
ESMT1301003	Ergonomic Titable Binocular head 5-35°
ESMT1301004	Ergonomic Titable Binocular head 5-35° with Trinocular adapter
ESMT1301005	LCD display for adopting with viewing head, 5M pixels, 9.7" LCD, android OS
ESMT1301006	Eyepiece WF10×/22mm
ESMT1301007	Reticle
ESMT1301008	LWD (Long working Distance) Infinite Plan Objective 4×/0.1, WD 17.3mm
ESMT1301009	LWD (Long working Distance) Infinite Plan Objective 10×/0.25, WD 10mm
ESMT1301010	LWD (Long working Distance) Infinite Plan Objective 20×/0.4, WD 5.1mm
ESMT1301011	LWD (Long working Distance) Infinite Plan Objective 40×/0.6, WD 2.1mm
ESMT1301012	Infinite Plan Phase Objective PH10×/0.25, WD10mm
ESMT1301013	Infinite Plan Phase Objective PH20×/0.4, LWD5.1mm
ESMT1301014	Infinite Plan Phase Objective PH40×/0.65, LWD2.1mm
ESMT1301015	Centering: Centering Telescope (Φ30MM)
ESMT1301016	Phase Annulus: 10×-20×, 40× Phase Annulus Plate (Fixed)
ESMT1301017	Phase Annulus: 10×-20×, 40× Phase Annulus Plate (Adjustable)
ESMT1301018	Attachable Mechanical Stage 250×230mm, Translator with lowered ergonomic coaxial controls. X-Y 120×78mm.
ESMT1301018	Interchangeable metallic inserts holder for Φ90mm Terasaki
ESMT1301019	Interchangeable metallic inserts holder for Φ35mm Petri Dish
ESMT1301020	Interchangeable metallic inserts holder for Φ54mm Slide Glass
ESMT1301021	Halogen blub 6V/30W (used for replacement for halogen blub)
ESMT1301022	3W LED illumination, Brightness Adjustable
ESMT1301023	Φ45mm blue filter

Cat. Number	Descriptions
ESMT1301024	Φ45mm green filter
ESMT1301025	Φ45mm ground glass filter
ESMT1301026	FL-100 Epi-fluorescent Attachment, that include: Epi-fluorescent illumination device, fluorescent B & G excitation filter block included; 100W HBO ultra hi-voltage spherical mercury lamp; barrier to resist the ultraviolet light; power supplier, AC input 220V/110V interchangeable, digital display and timer; fluorescent free oil
ESMT1301027	Blue excitation cube, excitation: BP460-490, dichroic mirror: DM500, barrier filter: BAS20
ESMT1301028	Green excitation cube, excitation: BP510-550, dichroic mirror: DM570, barrier filter: BAS90
ESMT1301029	Ultraviolet excitation cube, excitation: BP330-385, dichroic mirror: DM400, barrier filter: E
ESMT1301030	Violet excitation cube, excitation: BP400-410, dichroic mirror: DM455, barrier filter: BA45!
ESMT1301031	RED filter Block: excitation: BP620-650, Dichroic Mirror: DM660, Barrier: BA670-750
ESMT1301032	Infinity fluorescent objective 4x
ESMT1301033	Infinity fluorescent objective 10x
ESMT1301034	Infinity fluorescent objective 20x
ESMT1301035	Infinity fluorescent objective 40x
ESMT1301036	Infinity fluorescent objective 100x
ESMT1301042	Neutral ND25 filter
ESMT1301043	Centering Plate
ESMT1301044	Filament adjuster
ESMT1301040	1x C mount
ESMT1301041	0.5x C mount
ESMT1301042	Photo tube

