

EduScience hematocrit centrifuge with AC24P hematocrit rotor is used for determination of volume fractions of erythrocytes in blood for diagnostic purposes and doping tests. Also it is used for the photometric determination of bilirubin content in neonate blood samples. Hematocrit centrifuge with A24-2P tube rotor, can be used for extraction of DNA and RNA.

CE  RoHS

ESL-1424

Hematocrit Centrifuge

Features

- Speed range of 200-12000rpm, max. RCF 13680xg
- Precise control of speed and time separately
- Easy operation with intuitive menu and easy-to-read display
- Maintenance-free brushless DC motors
- Pulse operation for quick spins
- Rotor capacity: Hematocrit rotor
- Hematocrit rotor: 24 capillary max. speed: 12000rpm

ESL-1224

Economical Hematocrit Centrifuge

Features

- Max. speed is 12000rpm, max. RCF 13680xg
- Precise control of speed and time separately
- Rotor capacity: Hematocrit rotor: 24 capillary



Specifications

| | ESL-1424 | ESL-1224 |
|---------------------------|---|--|
| Speed Range | 200-12000rpm, increment: 10rpm | 500-12000rpm, increment: 100rpm |
| Max. RCF | 13680xg | 13680xg |
| Speed Accuracy | ±20 | ±100 |
| Run Time | 30sec-99min/Continuous | 10sec-99min/Continuous |
| Motor | Brushless DC motor | Brushless DC motor |
| Display | LCD | LCD |
| Safety Devices | Door interlock, Overspeed detector; Automatic internal diagnosis, Automatic rotor identification | Door interlock |
| Acceleration/Braking time | 30s ↑ 30s ↓ | 40s ↑ 40s ↓ |
| Power | Single-phase, 200V-240V, 50Hz/60Hz, 5A; 100V-120V, 50Hz/60Hz, 5A 160W | Single-phase, 200V-240V, 50Hz/60Hz, 5A; 380W |
| Dimension (WxDxH) | 280x364x274mm | 280x364x213mm |
| Weight | 10kg | 10kg |
| Certification | CE cTUVus FCC MCA IVD | - |
| Advanced features | Speed/RCF switch; Short-time run function; sound-alert function | Speed/RCF switch; Short-time run function; sound-alert function |



Available rotors



Cat. No. ES400047

AC24

ESL-1424 & ESL-1224

Max. speed: 12000rpm

Max. RCF: 13680xg

Rotor capacity: capillary tubes x24

Rotor material: High strength aluminum

