



STELLAR Series

STELLAR 1-B





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|----------------------------------|---|
| Optical system | Finite optical system, 160mm |
| Observation tube | Binocular head, Siedentopf type |
| Inclination | 30° inclined, 360° rotating |
| Interpupillary distance | 48-75mm |
| Diopter adjustment | On left tube, +/- 5 diopter |
| Eyepieces | Widefield WF10X/18mm |
| Nosepiece | Quadruple |
| Objective classification | EA Achromatic, DIN |
| Objectives | 4X/0.10 (WD 19mm), 10X/0.25 (WD 6.6mm), 40X/0.65/S (WD 0.45mm), 100X/1.25/S-Oil (WD 0.13mm) |
| Objective mounting thread | W 4/5"x1/36" (RMS standard) |
| Stand type | Upright |
| Stage | Mechanical stage with built-in low position coaxial stage control and sample holder |
| Stage size | 125x115mm |
| Travel range X&Y | 70x25mm |
| Condenser | Abbe Condenser N.A. 1.25 |
| Diaphragm | Color coded iris diaphragm |
| Focus mechanism | Coaxial coarse and fine focusing system with tension adjustment |
| Fine focus precision | 3.4µm |
| Focusing stroke | 14mm |
| Upper limit stop | Upper limit stop preset but adjustable |
| Transmitted illumination | DC 3.3V, LED 1W with intensity control |
| Illumination features | Sleep mode (30 min. auto on-off) |
| Transformer | External |
| Power supply | 100-240V (CE) |
| Other features | Double slide storage, cable and transformer storage, USB Type-C power input |
| Accessories included | Dust cover, immersion oil (5ml) |
| Dimensions LxWxH | 338x171x338mm |
| Net weight | 4.2kg |
| Notes | Transport and storage case |