



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

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