



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

B1 Series

B1-223E-SP





EDUCATION LINE - B1 Series

B1-223E-SP

Optical System	Finite optical system, 160mm
Observation Tube	Trinocular head, sliding type
Inclination	30° inclined, 360° rotating
Trinocular light split	100:0 / 0:100 / 30:70
Interpupillary distance	55-75mm
Diopter adjustment	On both tubes , +/- 5 diopter
Eyepiece	Widefield WF10X/18mm
Nosepiece	Quadruple
Objective classification	SP Semi-Plan Achromatic, DIN
Objectives	4X/0.10 (WD 17.9mm), 10X/0.25 (WD 5.3mm), 40X/0.65/S (WD 0.61mm), 100X/1.25/S-Oil (WD 0.165mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage with built-in low position rackless coaxial stage control and sample holder
Stage size	140x135mm
Travel range X&Y	76x40mm
Condenser	Focusable 1.25 N.A. Abbe Condenser with iris diaphragm
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	27mm
Upper limit stop	Upper limit stop preset but adjustable
Transmitted Illumination	LED 3W with intensity control
Transformer	External
Power supply	110-240V (CE)
Accessories included	Dust cover, immersion oil (5ml)
Dimensions LxWxH	245x190x380mm
Weight	6,8Kg