



B1-220E SP

Motic's B1 series has long been a stalwart of reliable microscopy providing a solid platform for imaging. In this new B1 Elite version, we have upgraded it with new optics and mechanics normally only found in more expensive models, we have ensured this line's competitiveness and performance well into the next decade.

Optical System	Finite optical system, 160mm
Observation Tube	Binocular, sliding type
Interpupillary distance	55-75mm
Diopter adjustment	On both tubes , +/- 5 diopter
Inclination	45° inclined, 360° rotating
Eyepiece	WF10X/18mm
Nosepiece	Quadruple revolving nosepiece with click stops
Objective classification	Semi-Planachromatic SP, DIN
Objectives	SP 4X/0.10 (WD 17.9mm), 10X/0.25 (WD 5.3mm), 40X/0.65/S (WD 0.61mm), 100X/1.25/S (WD 0.165mm)
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Built-in low position coaxial rackless mechanical stage with sample holder
Stage size	140x135mm
Mechanical stage X&Y range	76x40mm
Upper limit stop	Preset and adjustable
Condenser	Focusable 1.25 N.A. Abbe Condenser with iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm minimum increment
Z-axis movement	27mm
Illumination	3W LED illumination with intensity control
Transformer	External
Power supply	110-240V
Accessories included	Dust cover and immersion oil
Dimensions	245x190x380mm
Weight	6,8Kg