



# 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.

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