



# B1-220A

Superior in design and in performance, the B1 Series incorporates a wide range of features designed for University and Laboratory use. Superb optical clarity and reliable mechanical engineering assure years of top performance.

<b>Model</b>	B1-220A
<b>Optical System</b>	Finite Optical System, 160mm
<b>Observation tube</b>	Binocular, sliding type
<b>Interpupillary distance</b>	55-75mm
<b>Inclination</b>	45° inclined, 360° rotating
<b>Eyepiece(s)</b>	WF10X/18mm
<b>Nosepiece</b>	Quadruple revolving nosepiece with click stops
<b>Objective classification</b>	Achromatic, DIN
<b>Objective information</b>	4X/0.10 (WD 6.8mm), 10X/0.25 (WD 2.4mm), 40X/0.65/S (WD 0.53mm), 100X/1.25/S-Oil (WD 0.13mm)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	140X135mm
<b>Mechanical stage X&amp;Y range</b>	78X50mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Condenser</b>	Rack & pinion focusable 1.25 N.A. Abbe Condenser, with iris diaphragm and filter holder
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine Focus precision</b>	2 µm minimum increment
<b>Z-axis movement</b>	27mm
<b>Illumination</b>	12V/20W Halogen illumination with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	220-240V (CE)
<b>Accessories included</b>	Blue, yellow and green filters, dust cover and immersion oil
<b>Lenght X Width X Height</b>	245X190X380
<b>Weight KG</b>	6,8KG