



B1-223A

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.

Model	B1-223A
Optical System	Finite Optical System, 160mm
Observation tube	Trinocular, sliding type
Interpupillary distance	55-75mm
Trinocular light split	100:0/20:80
Inclination	30° inclined, 360° rotating
Eyepiece(s)	WF10X/18mm
Nosepiece	Quadruple revolving nosepiece with click stops
Objective classification	Achromatic, DIN
Objective information	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)
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Built-in low position coaxial mechanical stage with sample holder
Stage size	140X135mm
Mechanical stage X&Y range	78X50mm
Upper limit stop	Upper limit stop preset but adjustable
Condenser	Rack & pinion focusable 1.25 N.A. Abbe Condenser, with iris diaphragm and filter holder
Free Working Distance	Coaxial coarse and fine focusing system with tension adjustment
Fine Focus precision	2 µm minimum increment
Z-axis movement	27mm
Filter holder	12V/20W Halogen illumination with intensity control
Transformer	Internal
Power supply	220-240V (CE)
Accessories included	Blue, yellow and green filters, dust cover and immersion oil
Lenght X Width X Height	245X190X380
Weight KG	6,8KG