



B3-220ASC

The advanced B3 Series offers features for the more demanding user. A standard Siedentopf head configuration allows interpupillary distance adjustment without the need for refocusing. The superior Köhler illumination system offers ample illumination, making this series ideal for Lab work. Combined with either ASC Achromatic Super Contrast or Plan Achromatic objectives, this series has an unbeatable price-quality ratio.

Model	B3-220ASC
Optical System	Finite Optical System, 160mm
Observation tube	Binocular head, Siedentopf type
Interpupillary distance	55-75mm
Inclination	30° inclined, 360° rotating
Eyepiece(s)	WF10X/20mm
Diopter adjustment	Diopter adjustment on the left eyetube, +/- 5 diopter
Nosepiece	Reversed quintuple revolving nosepiece with click stops
Objective classification	ASC Achromatic Super Contrast, DIN
Objective information	4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm), 40X/0.65/S (WD 0.45mm), 100X/1.25/S-Oil (WD 0.14mm)
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	Focusable and centrable 1.25 N.A. abbe Condenser with iris diaphragm and filter holder
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine Focus precision	2 µm minimum increment
Z-axis movement	27mm
Illumination	12V/20W Halogen Koehler 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	7KG