



## 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.

<b>Model</b>	B3-220ASC
<b>Optical System</b>	Finite Optical System, 160mm
<b>Observation tube</b>	Binocular head, Siedentopf type
<b>Interpupillary distance</b>	55-75mm
<b>Inclination</b>	30° inclined, 360° rotating
<b>Eyepiece(s)</b>	WF10X/20mm
<b>Diopter adjustment</b>	Diopter adjustment on the left eyetube, +/- 5 diopter
<b>Nosepiece</b>	Reversed quintuple revolving nosepiece with click stops
<b>Objective classification</b>	ASC Achromatic Super Contrast, DIN
<b>Objective information</b>	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)
<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>	Focusable and centrable 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 Koehler 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>	7KG