



Specification  
Sheet

**Motic®**  
MORE THAN MICROSCOPY

B3 Series

**B3-223ASC**





## EDUCATION LINE - B3 Series

### B3-223ASC

<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Trinocular head, Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Trinocular light split</b>	100:0 / 20:80
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On left tube, +/- 5 diopter
<b>Eyepiece</b>	Widefield WF10X/20mm
<b>Nosepiece</b>	Reversed quintuple
<b>Objective classification</b>	ASC Achromatic Super Contrast, DIN
<b>Objectives</b>	4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm) 40X/0.65/S (WD 0.45mm), 100X/1.25/S (WD 0.14mm)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control and sample holder
<b>Stage size</b>	140x135mm
<b>Travel range X&amp;Y</b>	78x50mm
<b>Condenser</b>	Focusable and centerable Abbe condenser N.A. 1.25 with filter holder
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm
<b>Focusing stroke</b>	27mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator
<b>Transmitted illumination</b>	Koehler halogen 12V/20W with intensity control
<b>Transformer</b>	External
<b>Power supply</b>	110-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, blue, yellow and green filters Ø45, immersion oil (5ml)
<b>Dimensions LxWxH</b>	245x190x380mm
<b>Weight</b>	7Kg