

BA310E Series

# BA310E TRINOCULAR





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<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Trinocular head, Siedentopf type, 360° swiveling
<b>Inclination</b>	30° inclined, 360° rotating
<b>Trinocular light split</b>	100:0/20:80 or 100:0/0:100
<b>Interpupillary distance</b>	48-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield N-WF10X/20mm with diopter adjustment
<b>Nosepiece</b>	Reversed quintuple
<b>Objective classification</b>	CCIS® EC Plan Achromatic, DIN
<b>Objectives</b>	4X/0.10 (WD 15.9mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.5mm), 100X/1.25/S-Oil (WD 0.15mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position rackless coaxial stage control with tension adjustment and sample holder
<b>Stage size</b>	180x170mm
<b>Travel range X&amp;Y</b>	80x55mm
<b>Condenser</b>	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
<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>	20mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator with fixing cap
<b>Transmitted illumination</b>	Koehler Quartz halogen 6V/30W with intensity control
<b>Illumination interchangeability</b>	Quartz halogen 6V/30W or LED 3W
<b>Transformer</b>	Internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, spare fuse, cord hanger, thumb screw
<b>Dimensions LxWxH</b>	400x220x400mm
<b>Net weight</b>	8.6kg