



Specification  
Sheet

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BA410E Series

# BA410E BINOCULAR (50W)





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<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Binocular head, Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	50-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield N-WF10X/22mm with diopter adjustment
<b>Nosepiece</b>	Reversed sextuple
<b>Objective classification</b>	CCIS® EC-H 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, ceramic insert and sample holder
<b>Stage size</b>	180x170mm
<b>Travel range X&amp;Y</b>	80x55mm
<b>Condenser</b>	Focusable and centerable Swing-out Abbe condenser N.A. 0.90/0.13
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	1µm
<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 with fixing cap
<b>Transmitted illumination</b>	Koehler Quartz halogen 12V/50W with intensity control
<b>Illumination interchangeability</b>	Quartz halogen 6V/30W or LED 3W
<b>Illumination features</b>	Auto-OFF and Light Memory function. External lamphouse.
<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, arm rest
<b>Dimensions LxWxH</b>	550x242x435mm
<b>Net weight</b>	14.2kg