

BA410E Series

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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type
Inclination	30° inclined, 360° rotating
Interpupillary distance	50-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/22mm with diopter adjustment
Nosepiece	Reversed sextuple
Objective classification	CCIS® EC-H Plan Achromatic, DIN
Objectives	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)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage with built-in low position rackless coaxial stage control, ceramic insert and sample holder
Stage size	180x170mm
Travel range X&Y	80x55mm
Condenser	Focusable and centerable Swing-out Abbe condenser N.A. 0.90/0.13
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	1µm
Focusing stroke	27mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Transmitted illumination	Koehler Quartz halogen 12V/50W with intensity control
Illumination interchangeability	Quartz halogen 6V/30W or LED 3W (LED Module not included)
Illumination features	Auto-OFF and Light Memory function. External lamphouse.
Transformer	Internal
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, spare fuse, arm rest
Dimensions LxWxH	550x242x435mm
Net weight	14.2kg