



BA310E Series

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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type, 360° swiveling
Inclination	30° inclined, 360° rotating
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/20mm with diopter adjustment
Nosepiece	Reversed quintuple
Objective classification	CCIS® EC 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 with tension adjustment and sample holder
Stage size	180x170mm
Travel range X&Y	80x55mm
Condenser	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	20mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Transmitted illumination	Koehler Quartz halogen 6V/30W with intensity control
Illumination interchangeability	Quartz halogen 6V/30W or LED 3W
Transformer	Internal
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, spare fuse, cord hanger, thumb screw
Dimensions LxWxH	400x220x400mm
Net weight	8.6kg