

BA310MET Series

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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type, 360° swiveling
Inclination	30° inclined
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/20mm with diopter adjustment
Intermediate body	Epi-illuminator quartz halogen with integrated field and aperture diaphragms and external lamphouse
Nosepiece	Reversed quintuple
Objective classification	CCIS® LM Plan Achromatic, DIN
Objectives	5X/0.13 (WD 20.3mm), 10X/0.25 (WD 17.5mm), 20X/0.40 (WD 8.1mm), 50X/0.55 (WD 8.4mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage, hard coated with built-in low position coaxial stage control
Stage size	180x140mm
Travel range X&Y	75x50mm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	30mm
Upper limit stop	Upper limit stop preset but adjustable
Incident illumination	Quartz halogen 12V/50W with integrated field and aperture diaphragms
Illumination interchangeability	Quartz halogen 12V/50W or LED 3W
Illumination features	External lamp house for Epi-illuminator
Transformer	External
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key
Dimensions LxWxH	508x240x465mm
Net weight	12.5kg