



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

BA310MET Series

BA310 MET-T TRINOCULAR (3"x2")





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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, Siedentopf type, 360° Swiveling
Inclination	30° inclined
Trinocular light split	100:0/20:80
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® EC 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 and glass plate
Stage size	240x140mm
Travel range X&Y	75x50mm (3"x2")
Condenser	Focusable and centerable Abbe condenser N.A. 0.85
Diaphragm	Iris diaphragm
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
Filter holder	On top of the illuminator with fixing cap
Incident illumination	Quartz halogen 12V/50W with integrated field and aperture diaphragms
Transmitted illumination	Koehler Quartz halogen 6V/30W with intensity control
Illumination interchangeability	Epi-illuminator Quartz halogen 12V/50W or LED 3W, transmitted Quartz halogen 6V/30W or LED 3W
Illumination features	External lamp house for Epi-illuminator
Transformer	Epi-illuminator external, transmitted internal
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key, blue, frosted, green and yellow filters
Dimensions LxWxH	508x240x465mm
Net weight	12.7kg