



BA310MET Series

# BA310 MET-T TRINOCULAR (6" x 4")





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<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Trinocular head, Siedentopf type, 360° Swiveling
<b>Inclination</b>	30° inclined
<b>Trinocular light split</b>	100:0/20:80
<b>Interpupillary distance</b>	48-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield N-WF10X/20mm with diopter adjustment
<b>Intermediate body</b>	Epi-illuminator quartz halogen with integrated field and aperture diaphragms and external lamphouse
<b>Nosepiece</b>	Reversed quintuple
<b>Objective classification</b>	CCIS® LM Plan Achromatic, DIN
<b>Objectives</b>	5X/0.13 (WD 20.3mm), 10X/0.25 (WD 17.5mm), 20X/0.40 (WD 8.1mm), 50X/0.55 (WD 8.4mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage, hard coated with built-in low position coaxial stage control and glass plate
<b>Stage size</b>	300x180mm
<b>Travel range X&amp;Y</b>	150x100mm (6"x4")
<b>Condenser</b>	Focusable and centerable Abbe condenser N.A. 0.85
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm
<b>Focusing stroke</b>	30mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator with fixing cap
<b>Incident illumination</b>	Quartz halogen 12V/50W with integrated field and aperture diaphragms
<b>Transmitted illumination</b>	Koehler Quartz halogen 6V/30W with intensity control
<b>Illumination interchangeability</b>	Epi-illuminator Quartz halogen 12V/50W or LED 3W, transmitted Quartz halogen 6V/30W or LED 3W
<b>Illumination features</b>	External lamp house for Epi-illuminator
<b>Transformer</b>	Epi-illuminator external, transmitted internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, Allen key, blue, frosted, green and yellow filters
<b>Dimensions LxWxH</b>	508x240x465mm
<b>Net weight</b>	12.7kg