



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

AE2000MET Series

AE2000 MET TRINOCULAR 100W

(LM BD objectives)





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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, Siedentopf type, 360° swiveling
Inclination	45° 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
Nosepiece	Side facing quintuple
Objective classification	CCIS® LM BD Plan Achromatic, DIN (for Brightfield and Darkfield)
Objectives	5X/0.13 (WD 17.3mm), 10X/0.25 (WD 16.3mm), 20X/0.40 (WD 7.3mm), 50X/0.55 (WD 7.2mm)
Objective mounting thread	M32
Stand type	Inverted
Stage	Mechanical stage, hard coated with built-in low position coaxial stage control with round and oval stage inserts
Stage size	280x192mm
Travel range X&Y	50x50mm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	10mm
Transmitted illumination	Koehler Quartz halogen 12V/100W with intensity control, External lamphouse
Illumination features	Sleeping mode
Transformer	External
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key, blue filter
Dimensions LxWxH	673x280x345mm
Net weight	13kg