Motic®
MORE THAN MICROSCOPY



AE2000MET

Trinocular | 100W | LM objectives

Motic's new AE2000MET inverted metallurgical microscope is the ideal instrument for inspection and analysis of materials, minerals, die casting parts and precision molds. This microscope meets all metallurgical applications for educational, industrial and scientific research analysis

Model	AE2000MET Trinocular 100W (with LM objectives)
Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, Siedentopf type, 360º swiveling
Interpupillary distance	48-75mm
Trinocular light split	100:0/20:80
Inclination	45° inclined
Eyepieces	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
Nosepiece	Side facing quintuple revolving nosepiece
Objective classification	Infinity Corrected CCIS LM Plan Achromat, 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	M32 with adapters to W 4/5" x 1/36" (RMS standard)
Stage	Hard coated, low position coaxial mechanical stage with round and oval stage inserts
Stage size	280x192mm
Mechanical stage X&Y range	50x50mm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine Focus precision	2 µm minimum increment
Z-axis movement	10mm
Illumination	External lamphouse, 12V/100W Quartz Halogen Koehler illumination with intensity control
Light features	Sleeping mode
Transformer	External
Power supply	100-240V (CE)
Accessories included	Blue filter, Allen hexagonal key, vynil dust cover and power cord
Dimensions	673x280x345mm
Weight	13Kg

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