Motic®
MORE THAN MICROSCOPY



BA310MET Binocular

The BA310MET is an affordable and powerful Metallurgical microscope series of robust Incident light microscopes. Now Industrial quality control can be performed for all opaque materials like minerals and metal samples with ease and efficiency. Also, the BA310MET performs well in Educational environments of engineering and material professions, where affordability and ease-of-use are key demands.

Model	BA310 MET Binocular
Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, 360º swiveling
Interpupillary distance	48-75mm
Inclination	30° inclined
Eyepieces	N-WF10X/20mm with diopter adjustment, +/- 5 diopter, cross reticle on one eyepiece
Nosepiece	Reversed quintuple revolving nosepiece
Objective classification	Infinity Corrected CCIS LM Plan Achromatic, DIN 45mm
Objectives	5X/0.13 (WD 20.3mm), 10X/0.25 (WD 17.5mm), 20X/0.4 (WD 8.1mm), 50X/0.55 (WD 8.4mm)
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Mechanical stage, hard coated with built-in low position coaxial stage control
Stage size	180x140mm
Mechanical stage X&Y range	75x50mm
Upper limit stop	Upper limit stop preset but adjustable
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine Focus precision	2 µm minimum increment
Z-axis movement	30mm
Illumination	Epi-illuminator 12V/50W Quartz Halogen or 3W LED with integrated field and aperture diaphragms and external lamp house
Transformer	External
Power supply	100-240V (CE)
Accessories included	Power cord, dust cover and allen key
Dimensions	508x240x465mm
Weight	12,5kg

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