



# BA310MET-H Trinocular

100:0/20:80

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.

Cat No. 1100100402681

Model	BA310 MET-H Trinocular
Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, 360° swiveling
Interpupillary distance	48-75mm
Trinocular light split	100:0/20:80
Inclination	30° inclined
Eyepieces	N-WF10X/20mm with diopter adjustment, +/- 5 diopter, cross reticle on one eyepiece
Nosepiece	Side facing 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)
Body type	Pole stand with stage and focusing block
Stand size	300x300mm
Stage	Mechanical stage, hard coated with built-in low position coaxial stage control
Stage size	180x140mm
Mechanical stage X&Y range	100x80mm
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	369x485x391mm
Weight	15.7kg