

INVERTED TRINOCULAR MICROSCOPE



Technical Specifications

Model	Trinocular Inverted Metallurgical Microscope
Optical system	Semi Plan Achromatic Optical system
Viewing Head	Binocular 45° Inclined having 55 - 75 mm interpupillary adjustment, Separate Trinocular port for Camera

Eyepiece	Wide field WF10X/(18mm)
	Standard Magnifications
	Strain-free Semi plan achromatic M 10X
Standard Objectives	Strain-free Semi plan achromatic M 20X
	Strain-free Semi plan achromatic M 40X
	Strain-free Semi plan achromatic M 80X
Magnification	100x to 800x
Focus system	Coaxial coarse/fine focus system, with tension adjustable, travel on ball guides
Nosepiece	Quadruple ball bearing with positive click stops
Stage	Low drive Co-axial stage of size 150 x150mm with integrated, low position mechanical control knobs with smooth travel on ball guides
Condenser	Abbey's 1.25 NA with iris diaphragm & Swing out filter holder
Filter	Green Polished Day Light Blue Polished
Illumination unit	Horizontal 12V/50W halogen lamp with variable light intensity control system & slots for dropping filters with aperture diaphragm
Power Supply	240V AC 50/60Hz
Standard Accessories	Instruction Manual, Dust Cover, two color filters, electric cord and fuse.

Optional Accessories at extra cost

Objectives : M 5x , M20x & M50x Eyepiece : H5x & WF 20x ,
Micrometer Scale Eyepiece, Grain Size Eyepiece, Stage
Micrometer slide 0.01mm, Digital Camera/USB camera, **Image
Analysis software (For Metallurgy)**

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