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ZMM-101 ATL METALLURGICAL MICROSCOPE



Metallurgical Microscope

- Oversize view field eyepiece, view field up to 22mm for comfortable observation.
- Trinocular head with dual transform.
- Light distribution (both): 100:0 (100% for eyepiece)
80:20 (80% for trinocular head and 20% for eyepiece)
- Stage with fast lowering unit can increase 50mm for working distance, more convenient for observing big size sample.
- Oversized three-layer mechanical stage provides more choice for samples.

Specifications

ZMM-101 ATL

Eyepiece	WF10X/22mm (adjustable) WF10X/22mm (adjustable , reticule 0.1mm)
Metallurgical LWD Infinity Plan Objective	5X/0.10 W.D=16.04mm 10X/0.25 W.D=18.48mm 20X/0.40 W.D=8.35mm 50X/0.70 W.D=1.95mm 80X/0.80 W.D=0.85mm (Optional) 100X/0.90(Dry) W.D=1.10mm (Optional)
Seidentopf Trinocular Head	Inclined 30°, Rotatable 360°, Interpupillary distance: 48mm~76mm Light distribution (both): 100:0 (100% for eyepiece) 80:20 (80% for trinocular head and 20% for eyepiece)
Nosepiece	Quintuple
Mechanical Stage	Stage size: 182mm x 140mm, Travel range: 77mm x 52mm
Polarizing Unit	Polarizer /Analyzer

Condenser	Abbe N.A.1.25 , with Iris Diaphragm.
Coaxial Coarse and Fine Focusing Unit	Coarse stroke: 25mm, Fine stroke per rotation: 0.2mm, fine division 2 μ m, Tightness adjustment, upper distance limiter.
Reflecting Illumination	5WLED lamp (Input voltage:100V~240V) 12V/50W Halogen lamp (Input voltage:100V~240V) (Optional)
Transmitting Illumination	5WLED lamp (Input voltage:100V~240V) 12V/20W Halogen lamp (Input voltage:100V~240V) (Optional)
Filter	Blue Green/ Amber/ Grey (Optional)
C-Mount	1 X /0.75X/0.5X(Focus Adjustable) (Optional)
Packing Size	520mm×470mm×430mm
Gross Weight	16 kgs
Net Weight	12kgs