



METALLURGICAL MICROSCOPE

LMM-B10

Metallurgical Microscope LMM-B10

Metallurgical microscopes LMM-B10 is designed to meet performance demands of metal and alloy engineering industry. This metallurgical microscope has siedentopf type trinocular head inclined at 30°. It has superior coaxial coarse and fine focusing knobs for sample examination. Metallurgical microscope can be used as measuring instrument for measuring thin metal films, electroplating coating & other opaque films.

Features

- 🔍 Siedentopf type trinocular head
- 🔍 Metallurgical LWD infinity plan objectives
- 🔍 Quintuple nosepiece
- 🔍 Eyepiece WF10X/22 mm/ WF10X/22 mm (reticle 0.1 mm)
- 🔍 Blue filter
- 🔍 12V/6V halogen lamp as source of illumination

Applications

Metallurgical microscopes has applications the field of alloy and metal engineering industry, mineral industry. They are used for the inspection of thin metal plates, electric circuits and opaque metal, minerals.

Metallurgical Microscope LMM-B10

Specification

Model No.	LMM-B10
Viewing head	Siedentopf type trinocular head inclined at 30°. Rotable 360°, interpupillary distance: 48-76mm
Eyepiece	WF10X/22mm WF10X/22mm (reticle 0.1mm)
Metallurgical LWD infinity plan Objectives	LPL5x/0.10 W.D=24.23mm LPL10x/0.25 W.D=18.48mm LPL20x/0.40 W.D=8.35mm LPL50x/0.70(s) W.D=1.95mm
Nosepiece	Quintuple
Mechanical stage	Stage size: 182×140mm Travel range: 77×52mm Two slid holder
Condenser	Abbe N.A. 1.25 (iris diaphragm)
Coaxial coarse and fine focusing unit	Coarse stroke: 25mm Fine stroke per rotation: 0.2mm Fine division 2μm Tightness adjustment, upper distance limiter
Illumination	12V/50W Halogen lamp (Reflection illumination) 6V/20W Halogen lamp (Transmission illumination)
Filter	Blue
Optional Accessory	Metallurgical LWD Infinity Plan objective: 40x, 80x, 100x C-mount: 1X, 0.57X (focus adjustable) Filter: Green, Amber, Grey