

Metallurgical Microscope

LMM-B11, LMM-B12



Metallurgical Microscope LMM-B11 and LMM-B12

Metallurgical microscopes LMM-B11, LMM-B12 with sientopf trinocular head design, infinite optical system, reflected & transmitted Kohler illumination system meets performance demands of metal, plastic, electrical circuits & engineering industry. Its superior coaxial course and fine focusing tension adjustment knobs helps in better examination of samples.

Features

- Sientopf trinocular 30° inclined head

- Infinite optical system

- Transmittance and Reflectance Kohler illumination system

- 5 to 100X Infinite plan achromatic objectives

- Easy to Use, user - friendly operations

Applications

It finds best applications the field of metal & mineral industry, for the inspection of thin metal plates, plastic films, electric circuits and opaque metal, minerals.

Specifications

Model no.	LMM-B11	LMM-B12
Optical System	Infinity Optical System (with Bright Field/ Dark Field, DIC, Polarizing units)	
Viewing Head	Seidentopf Trinocular Head Inclined at 30°, Interpupillary distance 48 to 75 mm	
Reflected Illumination	24 V, 100 W Halogen Light, Brightness Adjustable, Kohler Illumination With Aspherical Condenser Polarizer & Analyzer, Integrate Board For Polarizer & Analyzer Blue, Green, Yellow Filter, Ground Glass filters	
Transmitted Illumination	Swing-Out Condenser N.A.0.9/0.25 24V 100 W Halogen Light With Aspherical Condenser Blue Filter	-
Working Stage	Maximum Sample Height: 30 mm Double Layer Mechanical Stage: 186×138 mm, Moving Range 74×50 mm, Includes Specimen Preparation Plate, Slide Glass	Maximum Sample Height: 50 mm Non-porous Double Layer Mechanical Stage: 186×138 mm, Moving Range 74×50 mm, Includes Specimen Preparation Plate, Slide Glass
Objective	Infinity Plan Achromatic Objectives 5×/ 0.12/ ∞/ - (BF/DF), W.D.12 mm	
	Infinity Plan Achromatic Objectives 10×/ 0.25/ ∞/ - (BF/DF), W.D.10 mm	
	Infinity Plan Achromatic Objectives 20×/ 0.4/ ∞/0 (BF/DF), W.D.4.3 mm	
	Infinity Plan Achromatic Objectives 50×/ 0.75/ ∞/0 (BF/DF), W.D.0.32 mm	
	Infinity Plan Achromatic Objectives 100×/0.80/∞/0 (BF/DF), W.D.2 mm	
	Infinity Plan Achromatic Objectives 40×/0.65/∞/0.17, W.D.0.54 mm	-
	Infinity Plan Achromatic Objectives 100×/1.25/∞/0.17, W.D.0.13 mm	-

Specifications

Eyepiece	Extra Wide Field Eyepiece EW10x/22mm, Eyepiece Tube Dia.30mm
Nosepiece	Backward Quintuple Nosepiece
Focusing	Coaxial Coarse & Fine Adjustment, Fine Focusing Precision <1um, With Safety Stop, With Tension Adjustment
Dimension	450 × 400 × 850 mm
Weight	22 kg

Optional Accessories

Accessories no.	Name	Details
1	LWD Bright/Dark Field Infinity Plan Objective	40 X/0.6/∞/0 (BF/DF) WD 2.90 mm
2	DIC 20 X, 100 X	DIC 20 X,100 X
3	Polarization Set	Polarizer, Analyzer, Integrate Device
4	Neutral Filter	ND6, Dia.45 mm
5	Neutral Filter	ND25, Dia.45 mm
6	Photo Attachment	Specially Design For Other Brand SLR Camera
7	C-Mount	1.0 X
8	C-Mount	0.5 X
9	Specimen Presser	