

Metallurgical Microscope LMM-C10



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Metallurgical Microscope LMM-C10 is 30° inclined trinocular head microscope specifically designed for industrial purpose. Features superior quality Infinity M Plan APO HL objective (visible) with long working distance, double layer stage, rotatable analyzer, filters namely blue and green, quintuple nosepiece etc. which makes it highly efficient and reliable. It has wide applications in metal industry, mineral industry and electrical industry.

Features

- Infinity Optical system
- Adopts M Plan APO HL objective (visible)
- M Plan APO HL objective (NIR and NUV) is optional
- Long working distance objective
- Quintuple nosepiece
- Green, blue, neutral filter
- Movable polarizer and analyser
- Positive and Negative imaging is customisable
- Options like automatic focusing, motorised stage and auto nosepiece are available
- Software can also be provided

Applications

It is used to inspect semiconductor chips, integrated circuits, structures of metals and alloys etc.

Specifications

Model No	LMM-C10	
Optical System	Infinity Optical System F= 200 mm	
Viewing Head	Siedentopf trinocular head, inclined at 30°,Interpupillary 55-75 mm	
Eyepiece	WF10X/25mm	
Objective	M Plan APO HL Objective 2X/0.055 WD= 34.56 mm	Focus Length 95mm
	M Plan APO HL Objective 5X/0.14 WD= 44.50 mm	Focus Length 95mm
	M Plan APO HL Objective 10X/0.28 WD= 34.00 mm	Focus Length 95mm
	M Plan APO HL Objective 20X/0.29 WD= 31.00 mm	Focus Length 95mm
	M Plan APO HL Objective 50X/0.42 WD= 20.50 mm	Focus Length 95mm
Nosepiece	Quintuple, objective screw M26×0.706	
Stage	Double layers stage 230×280 mm, moving range: 150×150 mm	
Filter	Green, Blue, Neutral	
Focusing	Coaxial coarse and fine with rack and pinion,coarse range 40 mm,	
	fine scale value 0.002 mm	
Illumination	Reflected halogen 12 V 50 W, Adjustable, with aperture	
	and field iris diaphragm	
Polarizing	Analyzer rotatable 360°, polarizer and analyzer can be moved out/in	
Optional	Material Plus Software	
Dimension	540×580×530 mm	
Weigt	39.1 kg	