

INVERTED METALLURGICAL MICROSCOPE

Most compact & economically designed & develop to fulfill various testing requirements of industries & educational institutes. A special feature of the design is a flat unobstructed stage surface which places no limitation on the size & height of the specimen. Simply place the specimen, face down on the stage, and switch on the illuminator, rotate the required objective into position and you are ready to observe images. Inverted Metallurgical Microscopes is equipped with an excellent UIS optical system and modularization function design so that update system expediently and archived polarization, dark field observation. A compact and steady main frame body is an embodiment for shock resistance.

HIM-2000 Series



HIM-2000 BD

Registered Office: UGF-12 Ansal Plaza-1 Chiranjeev Vihar Ghaziabad-201002 (U.P.) INDIA

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Technical Specifications

Model No.	HIM-110B	HIM-110BD
Eyepieces	Wide Field WF 10x (Field Number Ø22mm)	
Infinite Plan Achromatic	Equipped with bright field objectives	Equipped with bright-field & dark Field objectives
Objectives	PL L10X/0.25	PL L5X/0.12
	PL L20X/0.40	PL L10X/0.25BD
	PL L50X/0.70 (Spring)	PL L20X/0.40 BD
	PL L100X/0.85 (Dry) (Spring)	PL L50X/0.70 B
Magnification	100x, 200x, 500x & 1000x	50x,100x, 200x, 500x
	(Optional up to 2000x)	(Optional up to 2000x)
Eyepiece Tube	Inclination 45° and interpupillary distance: 53~75mm.	
Focus system	Coaxial coarse/fine focus with tension adjustable, minimum division of fine focusing: 2µm.	
Stage	Mechanical stage	
	Overall Size: 242mm x 200mm and Moving	
	Range: 30mm x 30mm	
	Rotundity and rotatable stage size: maximum measurement is $\text{D}\approx 130\text{mm}$ and minimum clear aperture is less than $\text{D}\approx 20\text{mm}$.	
Illumination Unit	6V 30W, halogen lamp, adjustable brightness	12V 50W, halogen lamp, Adjustable brightness
	Integrated field diaphragm, aperture diaphragm, and system polarizer.	Integrated field diaphragm, aperture diaphragm, and system polarizer.
	Equipped with frosted glass and yellow, green, and Blue Filter.	Equipped with frosted glass and yellow, green, and Blue Filter.

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