Research Metallurgical Microscope IMM-3480



Research Metallurgical Microscope IMM-3480 is a part of the range of research microscope and stands out through its design which is ergonomic, vigorous and constant and stable. This research microscope is used to view samples that will fit on the microscope stage. This range, with its large working distance infinite plan achromatic: 5X/ 0.12/∞/ - (BF)-15.5 mm, 10X/ 0.25/∞/-(BF)-10.0 mm, 20X/ 0.4/∞/ 0 (BF)-5.8 mm, 50X/ 0.75/∞/ 0 (BF)- 0.32 mm, 100X/ 0.8/∞/ 0 (BF)-2.0 mm objective. Adjustable 40W LED reflected lamp to ensure the optimum illumination of the materials to be tested. The illuminating system consists of a high-intensity light source. The trinocular viewing head with extra wild field EW10X22 mm eyepieces fitted with 48-75 mm interpupilary distance as standard. Blue, Green, Yellow and Frosted filters. Designed with coaxial coarse and fine adjustment focusing. Features with backward quintuple revolving nosepiece holds multiple lenses, and found between the eyepiece and the stage allowing the user to turn it to achieve various levels of magnification. Though the exact level of magnification may vary with different models, most microscopes provide a low power lens with about 5X magnification and a high power lens with about 100X magnification

Technical Specification:

Model	IMM-3480
Type	Research Metallurgical Microscope
Viewing Head	Trinocular head, at 30°, rotate360°, interpupillary distance 48-75mm
Optical System	Infinite
Focusing	Coaxial coarse and fine adjustment, Fine Division 0.001mm, Moving Range 32mm
Eyepiece	EW10X22mm
Nosepiece	Backward quintuple
Objective	Infinite Plan Achromatic:5X/ 0.12/∞/ - (BF)-15.5 mm, 10X/ 0.25/∞/ - (BF)-10.0 mm, 20X/ 0.4/∞/ 0 (BF)-5.8 mm, 50X/ 0.75/∞/ 0 (BF)- 0.32 mm, 100X/ 0.8/∞/ 0 (BF)-2.0 mm
Light Source	40W LED Reflected(optional)
Filter	Blue, Green, Yellow and Frosted filter
Optional Accessories	Specimen Presser, Photo Attachment for Nikon or Canon DSLR camera, Video Attachment, C-Mount 1X, 0.5X
Polarising Unit	optional
Analysing Unit	optional
Catalogue No.	440305-05-04

Technical Data:

Model	IMM-3480	IMM-3490
Type	Research Metallurgical Microscope	
Viewing Head	Trinocular head, at 30°, rotate360°, interpupillary distance 48-75mm	
Optical System	Infinite	
Focusing	Coaxial coarse and fine adjustment, Fine Division 0.001mm, Moving Range 32mm	
Eyepiece	EW10X22mm	-
Nosepiece	Backward quintuple	
Objective	Infinite Plan Achromatic:5X/ 0.12/?/ - (BF)-15.5 mm, 10X/ 0.25/?/ - (BF)-10.0 mm, 20X/ 0.4/?/ 0 (BF)-5.8 mm, 50X/ 0.75/?/ 0 (BF)- 0.32 mm, 100X/ 0.8/?/ 0 (BF)-2.0 mm	Infinite Plan Achromatic: 5X/ 0.12/?/ - (BF&DF)-12.0 mm, 10X/ 0.25/?/ - (BF&DF)-10.0 mm, 20X/ 0.4/?/ 0 (BF&DF)-4.3 mm, 50X/ 0.75/?/ 0 (BF&DF)-32 mm, 100X/ 0.8/?/ 0 (BF&DF)-2.0 mm
Light Source	40W LED Reflected(optional)	
Polarizing Unit	optional	
Analyzing Unit		
Filter	Blue, Green, Yellow and Frosted filter	
Certification		
Optional Accessories	Specimen Presser, Photo Attachment for Nikon or Canon DSLR camera, Video Attachment, C-Mount 1X, 0.5X	
Packing Dimension		
Packing Weight		
Electrical Requirement		
Catalogue No.	440305-05-04	440305-10-04



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