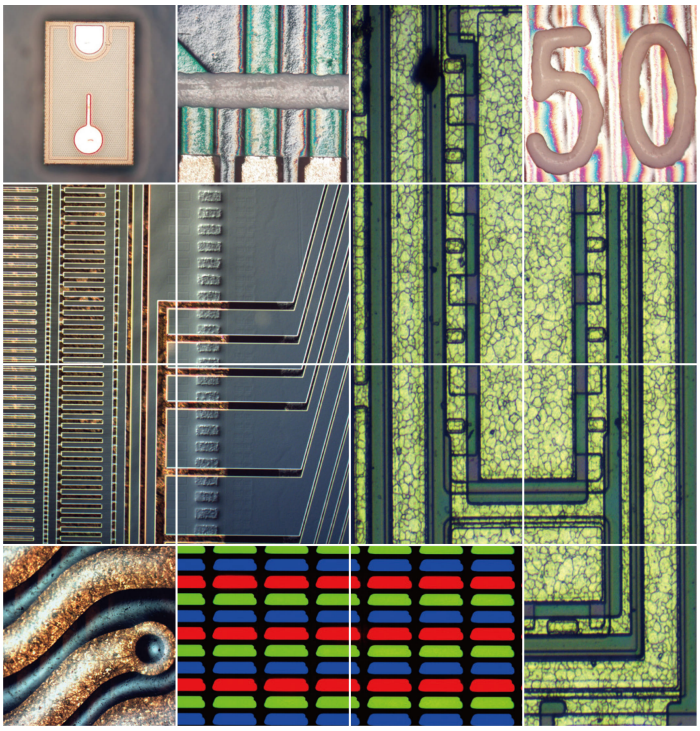
Research Metallurgical Microscope IMM-3580



Research Metallurgical Microscope IMM-3580 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 bright & dark field semi-apochromatic metallurgical: 5X, NA=0.10-13.5 mm, 10X, NA=0.30-9 mm, 20X, NA=0.50- 2.5mm,. 50X, NA=0.80-1.0 mm, 100X, NA=0.90-1.0 mm objective. Adjustable 12V/100W Halogen lamp to ensure the optimum illumination of the materials to be tested. The illuminating system consists of a high-intensity light source, Swing-out condenser NA0.9/ 0.25, with center adjustable aperture iris diaphragm. The trinocular viewing head with high point wild field PL10X25 mm eyepieces fitted with 50-76 mm interpupilary distance as standard. LBD/ND6/ND25 filters. Designed with coaxial coarse and fine adjustment focusing. Features with 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.

Sample Images



Accessories



DIC Attachment



Nosepiece

Technical Specification:

Model	IMM-3580
Type	Research Metallurgical Microscope
Viewing Head	trinocular head, Erect image, 30° inclined, interpupilary distance: 50-76 mm(optional: trinocular head, Inverted image, inclined at 30)
Optical System	Infinite Color Corrected
Focusing	optional: Reflected body, coaxial coarse and fine adjustment, coarse adjustment distance: 25mm; fine precision: 0.001mm. With coarse adjustment stop and tightness adjustment.
Eyepiece	High eye point wide field plan eyepiece PL10X25 mm, diopter adjustable
Nosepiece	Quintuple(optional: Sextuple and Septuple)
Stage	4 inch three layers mechanical stage with glass plate, moving range: 102x105 mm
Light Source	12V/100W halogen
Filter	LBD/ND6/ND25
Optional Accessories	Camera adapter: 0.5X focusing C-mount, Fixed polarizer, fixed analyzer, 360° rotatable analyzer, DIC attachment, Interference filters for reflected light, High precision micrometer, scale value 0.01mm
Catalogue No.	440310-05-04

Technical Data:

Model	IMM-3580
Type	Research Metallurgical Microscope
Viewing Head	trinocular head, Erect image, 30° inclined, interpupilary distance: 50-76 mm(optional: trinocular head, Inverted image, inclined at 30)
Optical System	Infinite Color Corrected
Focusing	optional: Reflected body, coaxial coarse and fine adjustment, coarse adjustment distance: 25mm; fine precision: 0.001mm. With coarse adjustment stop and tightness adjustment.
Eyepiece	High eye point wide field plan eyepiece PL10X25 mm, diopter adjustable (optional: PL10X25 mm, PL10X26.5 mm, PL10X26.5 mm)
Nosepiece	Quintuple(optional: Sextuple and Septuple)
Objective	Bright & Dark Field Semi-Apochromatic Metallurgical Objective 5X, NA=0.10-13.5mm, 10X, NA=0.30-9mm, 20X, NA=0.50- 2.5mm,. 50X, NA=0.80-1.0mm, 100X, NA=0.90, WD=1.0mm(optional:5X, NA=0.15-19.5mm, 10X, NA=0.30-10.9m, 20X, NA=0.50- 3.2mm, 50X, NA=0.80-1.2mm, 100X, NA=0.90-1.0mm
Stage	4 inch three layers mechanical stage with glass plate, moving range: 102x105 mm
Light Source	12V/100W halogen
Filter	LBD/ND6/ND25
Certification	
Optional Accessories	Camera adapter: 0.5X focusing C-mount, Fixed polarizer, fixed analyzer, 360° rotatable analyzer, DIC attachment, Interference filters for reflected light, High precision micrometer, scale value 0.01mm
Packing Dimension	
Packing Weight	
Electrical Requirement	
Catalogue No.	440310-05-04



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States