

POLARIZING MICROSCOPE



Optional At Extra Cost

Digital Micrometers with LC 0.001mm

Digital Read Out System (DRO) with accuracy of 0.005mm OR 0.001mm

Technical Specifications

Optical System	Infinite optical System
Trinocular Viewing Head	Seidentopf trinocular head inclined at 30°, interpupillary Bertrand lens position adjustable Reflected illuminator 12V/ 50W Halogen lamp, Transmitted 48-75mm
Eyepiece	Plan eyepiece 10X/20mm.
Objectives	Stain free Plan Achromatic 10x Stain free Plan Achromatic 20x Stain free Plan Achromatic 40x Stain free Plan Achromatic 60x
Nosepiece	Backward Quadruple nosepiece, center adjustable
Analyzer	360° dial rotation Minimum scale reading :0.1°(Vernier scale)
Conoscopic observation attachment	Switch between orthoscopic and conoscopic observation, Bertrand lens position adjustable
Optical Compensator	First-order red plate, quarter-wave plate, Quartz wedge
Polorizing Rotatable stage	Diameter ø170mm, center adjustable, 360° scale, Minimum division 1°, Minimum reading 6° by means of vernier scale , 45° click stop knob
Condenser	Stain free Plan Achromatic 60x Strain free swing condenser NA0.9/0.25
Focusing	Coaxial coarse & fine adjustment , Range 32mm, Fine division 0.001mm, coarse stroke 37.7 mm per rotation , fine stroke 0.1mm per rotation
Polorizer	360° rotatable 0° position adjustable
Illumination	Reflected illuminator 12V/ 50W Halogen lamp, Transmitted 12V/20W Halogen lamp,Brightness adjustable
Filter	blue filter ø 45mm
Optional Filter	ND6 Neutral density filter ø 45mm ND25 Neutral density filter ø 45mm
Attachment	Attachment Stain free Plan Achromatic 60x Strain free swing condenser NA0.9/0.25 Video attachment 0.01 mm micrometer.

Modern Metallurgical & Scientific Services

NO:5, Bakthavatchalam 2nd Cross Street, Vijayalakshmiapuram, Ambattur, Chennai -600 053, 044-26572473
Email :mmss_metal@yahoo.co.in / mmfsmetal@gmail.com www.modernmetallurgical.com