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MP30 Polarizing microscope



Trinocular Polarizing Microscope MP30 is used for studying and identifying the materials which has double refraction characteristics, by using the feature of polarizing. Users can use it to do observation of mono-polarization, orthogonal polarization and conoscopic observation. Meanwhile it can be widely used in the fields of research and testing of geology, chemistry and pharmaceuticals, as well as observation of liquid polymer materials, biopolymers and crystalline phase of the liquid crystal material. This polarization microscope is an ideal instrument for scientific research institutions and universities to conduct research and teaching.

Model	MP30
Eyepiece	Wide field 10X(Φ 18mm)
	Graduated 10X(Φ 18mm),Div 0.01mm/unit
Objective	Strain-free plan achromatic POL PL4X/0.10,working distance 17.94mm
	Strain-free plan achromatic POL PL10X/0.25,working distance 8.8mm
	Strain-free plan achromatic POL PL40X/0.65 (spring), working distance 0.56mm
	Strain-free plan achromatic POL PL100X/1.25(spring, oil),working distance 0.36mm
Eyepiece tube	Trinocular, inclined 30°,100% light pass for photography capable
Intermediate attachments	Polarization analyzer, 360° rotatable with scale and minimum venire
	Bertrand lens, push type, center adjustable
	λ Compensator
	$\lambda/4$ Compensator
	Quartz wedge compensator
Focus system	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, Minimum graduation in fine movement: 2 μ m
Stage	Rotatable stage, Diameter is Φ 150mm, 360° evenly divided, minimum retardation resolution 6' with center adjustable and limit stopper
Abbe condenser	NA.1.25 Rack & pinion adjustable
Filter	Blue filter
	Frosted glass
Polarizer	360° rotatable, with 0°,90°,180°, 270° four graduations
Condenser	Abbey condenser NA1.25
Illumination system	6V 20w halogen lamp, brightness adjustable, lamp center adjustable
Camera adapter	1X C-mount adapter