MshOt

MP41 Polarizing Microscope studies and identifies birefringent substances via light polarization. It enables single polarizing, orthogonal polarizing and conoscopic observations, applied in geological, chemical, medical & pharmaceutical research/inspection, as well as crystalline phase observation of liquid polymers, biopolymers and liquid crystals.

Features:

- Infinity Plan Apochromatic Stress-Free LWD Objective
- Widefield Eyepiece Φ22mm
- 360° Rotating Stage , Vernier 6′, Centering Adjustment, Locking Device, Z-Axis Travel 30mm

Specification Parameters of Polarizing Microscope MP41

Item	Specification
Eyepiece	Large field of view 10X/22mm
	Reticle eyepiece 10X/22, graduation value 0.1mm/grid
Eyepiece Tube	Hinged trinocular viewing tube, 30° inclined, two - gear beam splitting; Binocular: Trinocular beam splitting ratio 100:0 or 0:100
Objective Lens	Infinity stress - free plan achromatic objective lens P L 5X/10X/40X/60X
Focusing Mechanism	Coaxial coarse and fine adjustment, with limit device and locking device, fine adjustment handwheel graduation value 2μm
Nosepiece	Five - hole inward ball bearing positioning nosepiece
Stage	Rotating stage, diameter Φ150mm, 360° equally divided scale, vernier graduation value 6', center adjustable, with locking device
Epi - illumination System	12V 30W halogen lamp, brightness adjustable, bulb center adjustable
	5W LED light source, color temperature 6000K, brightness adjustable (optional)
	Built - in field diaphragm, aperture diaphragm
	(Yellow, blue, green, frosted glass) filter conversion device
	Analyzer (rotatable 360°, with scale and micro vernier)
	Polarizer (rotatable 360°)
	Push - in Bertrand lens, center adjustable
Intermediate Tube	λ Compensator (gypsum)
	λ/4 Compensator (mica)
	Quartz wedge compensator
Transmission Illumination System	12V 30W halogen lamp, brightness adjustable
	5W LED light source, color temperature 6000K, brightness adjustable (optional)
	Abbe condenser, can be raised and lowered, NA1.25
	Blue filter
	Frosted glass
	Polarizer (rotatable 360°, with four readings of 0°, 90°, 180°, 270°)
Camera Interface	1XC, without camera

ISO CERTIFICATED 9001:2015 ISO CERTIFICATED 14001 ISO CERTIFICATED 13485 ISO CERTIFICATED 45001

Guangzhou Micro-shot Technology Co., Ltd.
Address: No. 1933, Huaguan Road, Tianhe District, Guangzhou, 506, Vanke Cloud Building A
Website: www.m-shot.com / Email: sales@mshot.com

Any changes in data and appearance will not be notified separately.

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