

NP-800M Polarizing Microscope



- Supply high quality and contrast image with the special strain free objective.
- Single polarization, orthogonal polarization and conoscopic observation on.
- Transmitted light and reflect light, 24V/100W long life halogen lamp.
- Stage with 45°located, the attachable mechanical stage with large moving range, high efficiency by no interference when turning objective
- Professional polarizing microscope for geology, petroleum, chemicals, polymer, LED field.

Specification :

		NP-800M
Optical System	Infinite optical system	●
Viewing Head	Seidentopf trinocular head inclined at 30°, Interpupillary 48-75mm	●
Eyepiece	EW10X/22平场目镜 Plan eyepiece EW10X/22	●
	Plan eyepiece with scale of crosshair, Plan eyepiece with cross, Plan eyepiece with gridding	●
Strain-Free Plan Achromatic Objective	4X/0.10/∞/- WD 17.3mm	●
	10X/0.25/∞/0.17 WD 10.0mm	●
	20X/0.40/∞/0.17 WD 5.10mm	○
	40X/0.65/∞/0.17 WD 0.54mm	●
	100X/1.25/∞/0.17 WD 0.13mm	●
Nosepiece	Backward quintuple 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	●
Polarizing Rotatable Stage	Diameter Φ170mm, Center adjustment, 360° scale, Minimum division 1°, Minimum reading 6 by means of vernier scale, 45° Click stop knob	●
Attachable Stage	Moving range 30mmX40mm	○
Condenser	Strain-free swing condenser NA0.9/0.25	●
Focusing	Coaxial coarse & fine adjustment, Range 32mm, Fine division 0.001mm, Coarse stroke 37.7mm per rotation, Fine stroke 0.1mm per rotation	●
Polarizer	360°rotatable 0°position adjustable	●
Illumination	24V/100W Halogen lamp, Brightness adjustable	●
Filter	Blue filter Φ45mm	●
	ND6 Neutral density filter Φ45mm	○
	ND25 Neutral density filter Φ45mm	○
Attachment	Video attachment	○
	0.01mm Micrometer	○

Note:● Standard Outfit, ○ Optional