

# POLARIZING MICROSCOPE

## CODE ISM-POL1000



- Widely used in geology, mineralogy, fossil fuel exploration
- Single polarization, orthogonal polarization or conoscopic observation are available

### SPECIFICATION

<b>Magnification</b>	40X~600X				
<b>Eyepiece</b>	10X (view field: Ø20mm)				
<b>Infinite strain free plan achromatic objective</b>	4X (transmitted/reflected)	10X (transmitted/reflected)	20X (transmitted)	40X (transmitted)	60X (transmitted)
<b>Working distance</b>	22.2mm	6.1mm	6.4mm	0.6mm	0.3mm
<b>Numerical aperture</b>	0.1	0.25	0.4	0.65	0.8
<b>Stage</b>	revolving round stage diameter: Ø160mm graduation: 1°, resolution: 6'				
<b>Pupil distance</b>	53~75mm				
<b>Diopter adjustment</b>	±5 diopter (one eyepiece)				
<b>Illumination</b>	12V/50W halogen lamp, brightness is adjustable (reflected illumination) 12V/20W halogen lamp, brightness is adjustable (transmitted illumination)				
<b>Power supply</b>	110/220V, 50/60HZ				
<b>Dimension (L×W×H)</b>	614×250×394mm				
<b>Weight</b>	13kg				

### STANDARD DELIVERY

<b>Main unit</b>	1 pc
<b>Micrometer</b>	1 pc
<b>Grid plate</b>	1 pc
<b>10X crossing eyepiece (view field: Ø20mm)</b>	1 pc
<b>10X dividing eyepiece (view field: Ø20mm, graduation 0.1mm)</b>	1 pc
<b>λ slip (first class red) and 1/4λ slip</b>	1 pc
<b>Quartz wedge</b>	1 pc

### OPTIONAL ACCESSORY

<b>Objective for reflected system</b>	PL20X	ISM-POL1000-OBR20X
	PL40X	ISM-POL1000-OBR40X
	PL60X	ISM-POL1000-OBR60X
	PL100X	ISM-POL1000-OBR100X
<b>Objective for transmitted system</b>	PL100X	ISM-POL1000-OBT100X
<b>Specimen presser</b>		ISM-POL1000-SP