

Type MP 14,  
MP 24,  
MP 34

## Polarization Microscope



Polarizing microscope MP-series can observe mineral crystal figure, colour and interference colour and also identify its optical performance. It is a good microscope used in geology, petroleum, coal, Chemical fibre, medical treatment and physic inspection. It is also widely used in academic demonstration and research.

TECHNOLOGY FOR FUTURE

## Specifications

Viewing Head	Compensation free binocular head at 30°C, 360°C rotatable
Eyepiece	Eyepiece wf 10x with scale of crosshair and 0.1 mm
Objectives	Strain free achromatic objective: 4x, 10x, 40x, 60x
Nosepiece	backward quadruple nosepiece
Analyzer	Rotatable analyzer with graduation 0°C - 90°C
Bertrand lens	Bertrand lens, sliding in/out of optical path
Optical compensator	$\lambda$ Slip (first class red), $\frac{1}{4}$ $\lambda$ Slip quartz wedge
Revolving round stage	Diameter 145mm, 360°C rotatable and graduated in 10 increments, minimum resolution 6' when using vernire scale, center adjustable,
Condenser	Abbe condenser with iris diaphragm & filter
Focusing	Coaxial coarse and fine adjustment, range 28mm, fine division 0.002
Polarizer	sliding in/out of optical path, located on the top of collector
Illumination	220v or 110v/6v 20w halogen lamp, brightness adjustable

## Order Informations

0.408.894	Polarisation Monocular Microscope Type MP 14
0.408.895	Polarisation Bioncular Microscope Type MP 24
0.408.896	Polarisation Trinocular Microscope Type MP 23

## Accessories

0.408.***	SEAGULL Reflex Camera Type X300S; with photo adapter and T2ring
0.408.***	Digital camera Type NIKON COOLPIX
0.408.***	CCD Video camera with Video adapter and T2 Ring
0.408.***	14" High resolution colour monitor CDM-1403COL
0.408.***	Ocular Digital Camera Type ODC-1
0.408.***	OVC-1 Video Camera Eyepiece
0.408.***	VC-1 Video Camera
0.408.***	VC-2 Video Camera

Accessories



Video Color Monitor



Video Camera / Type VC-1



Ocular Video Camera / Type OVC-1



Ocular Digital Camera / Type ODC-1



Photography set with reflex camera & adapter



Video view set with Video camera and adapters



Digital Camera / Type DC-1

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MP 24  
Binocular Viewing Head



MP 14  
Monocular Viewing Head



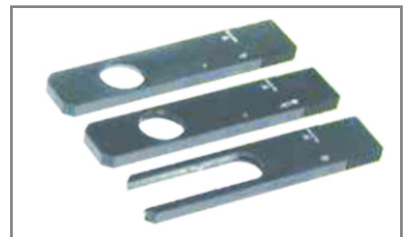
MP 34  
Trinocular viewing head



Revolving round stage  $\varnothing$  145mm,  $360^\circ$  rotatable and graduated in  $1^\circ$  increments, minimum resolution  $6^\circ$ , when using vernier scale



$0^\circ$ - $90^\circ$  rotatable analyzer and when out of optical path, single polarizing observation is available. with Bertrand, Interferogram of specimen can be observed clearly.  $\lambda$  Slip,  $1/4 \lambda$  slip and quartz wedge are equipped



Optical Compensator :  
 $\lambda$  Slip (first class red)  
 $1/4 \lambda$  Slip , Quartz Wedge



Polarizer can be swung out of optical path. 6v20 W halogen lamp illumination brightness adjustable



Simple Polarizing Stage

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