

XP-607LP Series



Features:

XP-607LP Transmission & Reflection polarizing microscope is a professional laboratory instrument which is the most commonly used in geology, minerals, material, etc departments, and relative Universities and colleges. For non-transparent or translucent objects, you can adopt both transmission and reflection polarizing observation. With the advancing of optical technology, the application range of polarizing microscope is becoming wider and wider. They are widely used in minerals, chemical industry, semiconductor industry and medicine material testing and so on.

It provides users to do single-polarized light observation, orthogonal polarizing observation, cone-ray observation and microscopic photography. It can also configure attachment like test piece Gypsum 1λ , Mica $1/4\lambda$, quartz wedge and mechanical stage. It is a good quality instrument with more maturity function.

Specification		Model	
		XP-607LP	XP-607LPT
Viewing Head	Compensation Free Binocular Head Inclined at 30° (50mm-75mm)	•	
	Compensation Free Trinocular Head Inclined at 30° (55mm-75mm)		•
Eyepiece	WF10×/22mm	•	•
	Gridding Eyepiece		
	Cross Eyepiece		
	Reticule Eyepiece		
Objective	Stress-free Infinity Plan-achromatic metallurgical Objective:4×10×20×40×60×	•	•
	Stress-free Infinity Plan-achromatic Objective:4×10×20×40×60×		
Stage	Rotary Stage	•	•
	Stage Size : 172mm		
	Moving Range : 360°		
Condenser	Swing type N.A.1.25 Abbe condenser with iris diaphragm	•	•
Filter	Inserting type filter(green, blue, neutral)	•	•
Testing Piece	Gypsum 1λ testing piece	•	•
	Mica 1/4λ		
	Quartz wedge testing piece		
Focusing	Coaxial coarse & fine focusing adjustment With rack and pinion mechanism Fine focusing scale value 0.002mm	•	•
Illuminator	High brightness fixed illumination	•	•
Light Source	Upper illumination: Halogen bulb12V/30W,AC85V-230V, adjustable brightness	•	•
	Down illumination: Halogen bulb12V/30W,AC85V-230V, adjustable brightness		
Checking Tool	0. 01mm Micrometer	•	•
Optional Accessory	Eyepiece: WF16×、WF20×、P16×1.3Mega、2.0Mega、3.0Mega、5.0Mega Pixels CMOS Digital camera eyepiece Stress-free objective:100×(s)Oil Photography attachment and CCD Adapter0.5×、0.57×、0.75×		

Characteristics and description

1. 1/4λ and λ test piece, quartz wedge.
2. Quintuple nosepiece with centering adjustable, the position of the cross line of ocular with crosshair is always unchanged when adjusting the inter pupillary distance of eyepiece tube.
3. WF10X(Φ22) super widefield Eyepiece, stress-free infinity objective
4. High-precision rotary working stage,
5. High-brightness, stress-free and aspherical swing type Abbe condenser N.A.1.30
6. Install the Quartz Crystal piece into the system to make polarization uniformity and the image color uniform in left & right optical system.