

Polarizing Microscope XPL Series



- 40x-1000x Magnification (XPL-1 1000X/ XPL-2 600X)
- Trinocular Head
- Transmitted Light
- Plan Objective Lenses (XPL-1 5 Objective / XPL-2 4 Objective)
- Halogen Illumination (6v/20w)

مشخصات فنی میکروسکوپ پلاریزان نیمه تحقیقاتی مدل XPL-1

Specification			
Model	XPL-1 (Cover glass thickness : 0.17)	XPL-2 (No Cover glass)	
Eyepiece	Wide field WF10X (field number:Φ18mm)		
	Dividing eyepiece 10X (field number:Φ18mm) 0.10mm/Div		
Strain-free plan achromatic objective	PL 4X/0.10 POL W.D : 17.94mm	PL L4X/0.12 POL W.D : 17.9 mm	
	PL 10X/0.25 POL W.D : 8.8 mm	PL L10X/0.25 POL W.D : 8.8 mm	
	PL 40X/0.65 POL (spring) W.D : 0.56 mm	PL L40X/0.60 POL (spring) W.D : 3.73 mm	
	PL 100X/1.25 POL (spring, oil) W.D : 0.36 mm	PL L60X/0.70 POL (spring) W.D : 1.34 mm	
Transmitted illuminating system	6V20W halogen lamp, brightness adjustable 6V20W		
	Rotatable 360° have 0,90,180,270 scale		
	Abbe condenser N.A.1.25 with iris diaphragm		
Stage	Rotatable stage, diameter Ø150mm, 360° graduated (in 1° increments), minimum vernier division: 6', center adjustable and with tightener.		
Nosepiece	Quadruple (the center of objective is adjustable)		
Intermediate attachment	Integrated analyzer, can be switched to normal or polarizing observe freely, enable 0-90° rotated and minimum vernier division: 12'		
	Piller bertrand lens and center adjustable		
	λ , $\lambda/4$ and quartz wedge compensator		
Eyepiece tube	Trinocular inclined 30° and enable to shoot in 100% light flux		
Focus system	Coaxial coarse/fine focus with tension adjustable and up stop device, minimum division of fine focusing: 2 μ m		
Optical Accessory	Objective	Cover thickness: 0.17 20X, 60X	No cover glass 20X, 50X, 80X, 100X (Dry)
	Slide moving holder	Moving range : 30mm×25mm	
	CCD adapter	0.5X, 1X, 0.5X with dividing	
	Camera	USB output : 1.3M/3.0M/5.0M/10.0 M pixel VIDEO output : 380/520 TV line	
	Digital camera adapter	CANON (EF) NIKON (F)	
	Infinity optical system (Model : XPL-1A/XPL-2A)		