

L-P1 Microscope

Features

- ▲ Adopt infinity optical system.
- ▲ Infinity with strain-free plan achromatic objectives, the field of view is widely and clear.
- ▲ Wide-field plan eyepieces: field number $\Phi 22\text{mm}$.
- ▲ Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: $2\mu\text{m}$.
- ▲ Take-down style polarizer, 360° rotatable, have 0,90,180,270 four scale, located down the aperture diaphragm
- ▲ Impellent style analyzer, 360° rotatable, push in / out from optical path conveniently
- ▲ Rotatable stage, 360° graduated in 1° increments, minimum retardation resolution $6'$ center adjustable and with tightener.
- ▲ Wide voltage range power supply (85-265V 50/60Hz), 6V30W halogen lamp, brightness adjustable.
- ▲ Trinocular can be observation for eyepieces and microphotography in 100% light flux, suits for low illuminance microphotography.

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Standard Configuration

Model	L-P1
Eyepiece	Wide field WF10X(ϕ 22mm)
	Dividing eyepiece(field number: ϕ 22mm) 0.10mm/Div
Objective	Strain-free plan achromatic objective
	PL 4X/0.10 (Work distance): 19.8 mm
	PL10X/0.25 (Work distance): 5.0 mm
	PL 40X/0.65 λ spring λ (Work distance): 0.66 mm
	PL 100X/1.25 λ spring λ (Work distance): 0.36 mm
Transmitted illuminating system	6V30W halogen, brightness enable control
	Rotatable 360°, have 0,90,180,270 scale λ
	Abbe condenser N.A. is 1.25 and add iris diaphragm
stage	Rotatable stage, diameter ϕ 150mm, 360° graduated (in 1° increments), minimum vernier division is 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 is 12'.
	Puller type bertrand lens and center adjustable.
	λ È, λ È/4 and quartz wedge compensator.
Compensator	λ È, λ È/4 and quartz wedge compensator.
Eyepiece tube	Trinocular is 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.

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Optional accessories

Name	Sort/Technique parameter	NO.
Infinity objective	Strain-free plan achromatic objective	
	PL 20X/0.12 (Work distance): 0.66mm	2060120
	PL60X/0.40 (Work distance):	2060160
Nosepiece	Quintuple(Backward ball bearing inner locating)	032004
Slide moving holder	Moving range: 30mmX25mm	116202
CCD adapter	0.4X	810001
	0.5X	810004
	1X	810002
	0.5X with dividing 0.1mm/Div	810003
Camera	DV-1 Video output£~380/520 TV line£© USB output £~0.42 M pixel£©	800001
	DV-2 With USB output £~1.3M,2.0M,3.0M pixel£©	800003
	DV-3 With video output£~380/520 TV line£©	800005
Digital camera adapter	CANON(A570,A610,A620,A630,A640,A650,EF) NIKON(F)	820001

Note: “●” in the table is standard attachment. “○” is optional accessories.

Design change: To keep pace with technological advances, we have reserved the right to make design modification and changes without notice.



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