

Polarizing microscope

型号: JH-PM

Brief Introduction

New ergonomic design, improved effector imaging system, reflector illuminator and lamp room, higher brightness, more vivid image effect. Follow the company's HSF environmental protection policy, innovate and practice environmental protection technology.

Technical parameters

Optical system	Infinite chromatic aberration correction optical system
Observation tube	30° tilt, infinity hinged binocular observation tube
	30° tilt, infinite hinged three-way observation tube
	30°-60°adjustable inclination angle, infinite hinged binocular observation tube
eyepiece	High eyepoint wide field plan eyepiece PL 10X / 22mm
	High eye point wide field plan eyepiece PL 10X / 22mm, adjustable diopter, can be equipped with micrometer, can bring online version
	High eyepoint wide field plan eyepiece PL 15X / 16mm
Objective lens	Infinite long working distance stress relief plan objective lens 5X, 10X, 20X, 50X (semi-apochromatic)
	Infinity stress relief plan objective 4X, 10X, 20X, 60X
Focusing mechanism	Coaxial focusing mechanism for low hand and coarse position. The stroke (focusing range) is 28mm, the fine-tuning accuracy is 0.002mm, with an adjustment and tension device to prevent slipping and an upper limit device to prevent breaking the section
converter	Internal positioning 4-hole adjustable center converter
	Internal positioning 5-hole adjustable center converter (the middle hole is fixed)
Intermediate lens group	With push-pull type deviation detection group, can move out of the optical path; Built-in Burnett mirror, rotating disc switching mechanism (adjustable center and focal length)
Analyzer group	Analyzer group, 360° rotation, division value 2°, accuracy 6', with locking mechanism
Compensator	λ plate: Φ18mm, first-class red (optical path difference 551nm), λ/4 plate: Φ18mm (optical path difference 551nm), quartz wedge (I-IV grade)
Stage	Rotating metal working platform, surface graphite spraying, anti-corrosion and abrasion resistance: 160mm in diameter, 360°rotatable, 1° grid value, 6'precision, with locking device
Condenser	Swing-out achromatic condenser N.A 1.2
Lighting system	Upper lighting: adaptive wide voltage 100-240V, reflector lamp room 12V 50W, preset center, reflective illuminator, with field diaphragm and aperture diaphragm, including LBD filter set, with plug-in polarizer set
	Down lighting: adaptive wide voltage 100-240V, transmission lamp room 12V 50W, preset center, Coral lighting, with variable field diaphragm
Photography	0.35 X / 0.5X / 0.65X / 1X camera connector, C-type interface, adjustable focus
other	Color filter set for projection, professional moving ruler, high-precision micrometer