



LB-570

**Binocular Polarizing Microscope w/ Backward
Quadruple Nosepiece & Transmitted/Reflected
Illumination System**



LB-570 Binocular Polarizing Microscope w/ Backward Quadruple Nosepiece & Transmitted/Reflected Illumination System

LB-570 Binocular Polarizing Microscope w/ Backward Quadruple Nosepiece & Transmitted/Reflected Illumination System feature a highly robust construction and first class optics designed to provide a long life and excellent quality images. LB-570 have transmitted and reflected illumination system, which give a much better effect and wider application. The microscopes can be used for Single polarization, othorgonal polarization and conosopic observation. Digital camera can be used together with the microscope for image analysis. Accessories like Gypsum slide, Mica slide, Quartz wedge and Mechanical stage are available.

APPLICATION

LB-570 Binocular Polarizing Microscope w/ Backward Quadruple Nosepiece & Transmitted/Reflected Illumination System are ideal instrument in geology, petroleum, coal, mineral, chemicals fiber, semiconductor and pharmaceutical industry for structure identify and analysis. They can be widely used in material research, academic demonstration, scientific research, university teaching laboratories and other sectors.

FEATURES

1. Excellent Infinite Optical System.
2. Widely used in geology, Mineralogy, Fossil fuel exploration.
3. Single polarization, othorgonal polarization or conosopic observation is available.
4. Transmitted and reflected illumination system offers a much better effect and wider application
5. Attachable stage is optional.



SPECIFICATION

Item	Specification
Optical System	Infinite Optical System
Viewing Head	Seidentopf Binocular Head, inclined at 30°, 360° Rotatable, Interpupillary Distance: 48-75mm
Eyepiece	WF10×/ 20mm
	WF10×/ 20mm with cross hair
	WF10×/ 20mm with scale of cross hair
Infinite strain free plan achromatic objective	Objective 4×, 10× for Reflected/Transmitted System
	Objective 20×, 40×, 60× for Transmitted System

Nosepiece	Backward quadruple nosepiece, center adjustable
Analyzer	Rotatable analyzer with gradation 0°-360°
Bertrand Lens	Bertrand lens, focus/center adjustable, sliding in/out of optical path
Optical Compensator	λ Slip (first class red), $1/4\lambda$ Slip, Quartz wedge
Revolving Round Stage	Diameter Φ 160mm, Graduated in 1° increments, Minimum resolution 6' when using vernier scale
Condenser	NA 0.9 Abbe Condenser with Iris Diaphragm
Focusing	Coaxial Coarse & Fine Adjustment, Range 24mm, Fine Division 0.002mm
Polarizer	360° Rotatable with Filter
Transmitted Illumination	12V/ 20W Halogen Lamp, Brightness Adjustable
Accessories	Micrometer 0.01mm
	Filter

SAMPLE IMAGE

