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## LB-573 Polarizing Photo Microscope Trinocular Transmission and Reflection System

### Introduction

**LB-573 Polarizing Photo Microscope Trinocular Transmission and Reflection System** are specifically designed for geology, minerals, metallurgy, university teaching laboratories and other sectors. They are also used in chemical fiber industry, semiconductor industry and the pharmaceutical inspection industry more and more. The LB-573 polarizing microscope features a highly robust construction and first class optics designed to provide a long life and excellent quality images. The microscopes can be used for Single polarization, orthogonal polarization and conoscopic 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.

### Applications

With the features of easy operation, complete functions and economy, **LB-573 Polarizing Photo Microscope Trinocular Transmission and Reflection System** are an ideal instrument in geology, petroleum, coal, mineral, chemicals, semiconductor and pharmaceutical inspection fields. It is also widely used in academic demonstration and scientific research areas.

### Technical Specifications

Optical System:	Infinite Color Corrected Optical System
Viewing Head:	Seidentopf Trinocular Viewing Head, inclined at 30°, 360° Rotatable
Eyeiece:	WF10×/ 20 with scale of Crosshair WF10×/ 20 with Graticule WF10×/ 20
Infinite strain free plan achromatic objective:	Reflected/transmitted objective: 4×, 10× Transmitted objective: 20×, 40×, 60×
Nosepiece:	Backward quadruple nosepiece, center adjustable
Epi-Illumination:	12V/50W halogen lamp, brightness adjustable; variable aperture diaphragm / field diaphragm
Analyzer:	Rotatable analyzer with gradation 0°-360°
Bertrand Lens:	Bertrand lens, sliding in/out of optical path
Optical Compensator:	$\lambda$ Slip (first class red), 1/ 4 $\lambda$ Slip, Quartz wedge
Revolving Round Stage:	Diameter $\Phi$ 160mm, Graduated in 1° increments, Minimum resolution 6' when using vernier scale
Condenser:	NA 0.9 Abbe Condenser with Iris Diaphragm & Filter
Focusing:	Coaxial Coarse & Fine Adjustment, Range 24mm, Fine Division 0.002mm
Polarizer:	360°Rotatable
Transmitted Illumination:	12V/ 30W Halogen Lamp, Brightness Adjustable
Accessories:	Mechanical stage moving rang 30x40mm Micrometer Color correction filter

