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LB-592 Polarizing Trinocular Microscope with Infinite Optical System

Introduction

LB-592 Polarizing Trinocular Microscope with Infinite Optical System is specifically designed for university colleges, geology, mining, metallurgy, pharmacy and other institutions for teaching, research and production. It can be used to analyze and identify various minerals and specimens, it can also be used to inspect chemical fiber, semiconductor products and medicines. Users can do single-polarized observation, orthogonal polarization observation, conoscopic observation and photography with the microscope. Gypsum λ plate, mica $\lambda/4$ plate, quartz wedge plate and moving stage, wrenches come with the microscope. This microscope is a set of powerful and good quality polarizing microscope.

Applications

LB-592 Polarizing Trinocular Microscope with Infinite Optical System can be used for geology, petroleum, chemicals, mining, metallurgy, pharmacy, polymer, LED and other field. It can be used for university colleges, geology, mining, metallurgy, pharmacy and other institutions for teaching, research and production.

Technical Specifications

Optical System:	Infinite Optical System
Viewing Head:	Seidentopf trinocular head, Inclined at 30°, Interpupillary 48-75mm
Eyepiece:	Plan Eyepiece EW 10X/22 Plan Eyepiece with scale of crosshair and gridding
Strain-Free Plan	
Achromatic Objective:	Strain free plan achromatic objective 4X, 10X, 40X, 100X
Nosepiece:	Backward Quintuple nosepiece, Center Adjustable
Analyzer:	0°-360° Rotatable Analyzer with gradation, minimum gradation: 0.1°
Conoscopic Observation:	Switch between orthoscopic and conoscopic observation, Bertrand lens position adjustable
Optical Compensator:	λ Slip (first class red), $1/4 \lambda$ Slip, Quartz wedge
Polarizing Rotatable Stage:	Diameter Φ 170mm, center adjustable, 360° scale, minimum division 1°, minimum reading vernier scale 6', 45° click stop knob
Condenser:	Strain free swing out condenser NA0.9/0.25
Focusing:	Coaxial coarse & fine adjustment, range 32mm, fine division 0.001mm, coarse stroke 37.7mm per rotation, Fine stroke 0.1mm per rotation
Polarizer:	360° Rotatable, 0° position adjustable
Illumination:	24V/100W Halogen lamp, brightness adjustable (Transmitted)
Filter:	Blue filter Φ 45mm
Conoscopic Observation:	Switch between Orthoscopic and Conoscopic Observation. Bertrand Lens, Position Adjustable
Optional Accessories	(must be ordered separately) Mechanical stage, Moving range 30X40mm

