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LB-120 Monocular Polarizing Microscope

Applications

LB-120 Monocular Polarizing Microscope feature a highly robust construction and first class optics designed to provide a long life and excellent quality images. A set of inserts allow viewing of all standard mineral types. The optics is also fully corrected so that changes in the viewing angle from the prism in the head during interocular distance adjustments does not cause any color changes.

Technical Specifications

Viewing Head:	Monocular Binocular Head at 30°, 360° Rotatable
Eyepiece:	Eyepiece WF10×/ 18 with Scale of Crosshair Eyepiece WF10×/ 18
Objective:	Strain free Achromatic Objective 4×, 10×, 40×, 60×
Nosepiece:	Backward Quadruple Nosepiece, Center Adjustable
Analyzer:	Rotatable Analyzer with Gradation 0°-90°
Bertrand Lens:	Bertrand Lens, Sliding in/ out of Optical Path
Optical Compensator:	λ Slip (first class red) 1/4 λ Slip Quartz wedge
Revolving Round Stage:	Diameter Φ 160mm, Graduated in 1° Increments, Minimum Resolution 6' when using Vernier Scale
Condenser:	Abbe Condenser with Iris Diaphragm & Filter
Focusing:	Coaxial Coarse & Fine Adjustment, Range 28mm, Fine Division 0.002mm
Polarizer:	Sliding in/ out of Optical Path, Located on the Top of Collector
Illumination:	6V/ 20W Halogen Lamp, Brightness Adjustable

Sample Images

