



Model:

B-150POL-MR

Typology:

EDUCATIONAL POLARIZING MICROSCOPE

Description:

*Educational microscope for routine applications, with rechargeable battery.
Dye-cast frame, with high stability and ergonomy, for transmitted light observation.*

Model	B-150POL-MR: monocular with rotatable stage; objectives 4x, 10x, 40x.
Illumination	Light source type: white LED; light intensity control using a knob on left side of the frame. LED power: 1W. Color temperature: 6300K LED average lifetime approx.: 50.000h External power supply 100/240Vac, 50/60Hz, output: 6Vdc 2,5A. Internal NiMH rechargeable battery (up to 15 hours of use from a single charge, led at medium intensity). Rotatable swing-out polarizer filter, slide-out analyzer filter.
Observation Modes	Brightfield, polarization
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.
Stage	Rotatable stage, diameter 120mm.
Nosepiece	Quadruple revolving nosepiece, rotation on ball bearings.
Head	Monocular observation head, inclined 30° and rotatable 360°.
Eyepieces	Widfield eyepieces WF10X/18 with field number 18mm.
Objectives	Achromatic objectives with mechanical tube length 160 mm, made by following objectives: -) Achromatic DIN 4X, A.N. 0.10, W.D. 18 mm -) Achromatic DIN 10X, A.N. 0.25, W.D. 7 mm -) Achromatic DIN 40X, A.N. 0.65, W.D. 0,53 mm All objectives are treated with an anti-fungus treatment.
Condenser	Abbe condenser, N.A. 1.2 precentered.
Dimensions	HEIGHT: 350 mm WIDTH: 170 mm DEPTH: 210 mm WEIGHT: 4 kg
Accessories	Instruction manual and dust cover included.