



Model:
B-150POL-M

Typology:
EDUCATIONAL POLARIZING MICROSCOPE

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

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| Model | B-150POL-M: 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: 5Vdc 500mA. 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 | Widefield eyepieces WF10X/18 with field number 18mm. |
| Objectives | Achromatic objectives with mechanical tube lenght 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. |