



Model:

B-159R

Typology:

EDUCATIONAL MICROSCOPE

Description:

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

Illumination	Light source type: X-LED ¹ ; light intensity control using a knob on left side of the frame. LED power: 1 W. Color temperature: 6,300 K. LED average lifetime approx.: 50,000 h. External power supply 100/240 Vac, 50/60 Hz, output: 5 Vdc 500 mA. Internal Lithium rechargeable battery (up to 15 hours of use from a single charge, LED at medium intensity, recharging time: approx. 6 hours).
Observation Modes	Brightfield.
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.004 mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.
Stage	Double layer with mechanical sliding stage, size 125x116 mm, X-Y movement range 76x30 mm. Specimen holder for one slide. Vernier scale on the two axes, accuracy 0.1 mm.
Nosepiece	Quadruple revolving nosepiece, rotation on ball bearings.
Head	Binocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment 48-75 mm.
Eyepieces	Wide Field, WF 10x/18.
Objectives	HC (high contrast) objectives with mechanical tube length 160 mm, made by following objectives: - HC (high contrast) 4x/0.10, W.D. 18 mm - HC (high contrast) 10x/0.25, W.D. 7 mm - HC (high contrast) 40x/0.65, W.D. 0.53 mm - HC (high contrast) 100x/1.25, W.D. 0.13 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.