



Model:

B-192

Typology:

ROUTINE MICROSCOPE

Description:

Educational and laboratory microscope for routine applications.

Dye-cast frame, with high stability and ergonomy, for transmitted light observation.

Illumination	Light source type X-LED ² with white LED; light intensity control using a knob on left side of the frame. LED power 3 W, comparable to an halogen bulb 30-35 W. Color temperature: 6,300 K. LED lifetime: > 65,000 hours. Voltage: external power supply 100/240 Vac, 50/60 Hz, output: 6 V. Max power required: 7 W.
Observation Modes	Brightfield.
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.002 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 125x115 mm, X-Y movement range 70x30 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 eyepieces. Interpupillary adjustment 48-75 mm.
Eyepieces	Wide Field, WF 10x/18.
Objectives	HC (High-Contrast) objectives with mechanical tube length 160 mm: - HC 4x/0.10, W.D. 18 mm - HC 10x/0.25, W.D. 7 mm - HC 40x/0.65, W.D. 0.53 mm - HC 100x/1.25, W.D. 0.13 mm (OIL/WATER immersion) All objectives have anti-fungus treatment.
Condenser	Abbe condenser, N.A. 1.25 precentered, with adjustable height and iris diaphragm.
Dimensions	HEIGHT: 370 mm WIDHT: 235 mm DEPTH: 290 mm WEIGHT: 6.5 kg
Accessories	Instruction manual and dust cover included