



Model:

B-600B

Typology:

RESEARCH MICROSCOPE B-600B

Description:

Laboratory microscope for research applications.

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

Illumination	<p>HALOGEN ILLUMINATION VERSION: Halogen source 12V/50W; light intensity control using a knob on left side of the frame. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuse: T3.15A 250V Max power required: 60W</p> <p>X-LED8 ILLUMINATION VERSION: Light source type X-LED8 with white LED; light intensity control using a knob on left side of the frame. LED power 8W, comparable to an halogen bulb 100W. Color temperature: 6300K LED average life time approx. 50.000h. The light exit can be used as a filter holder for additional filters (blue, yellow, frosted). Voltage: 110/240Vac, 50/60Hz, 0,45 A; Fusibile: T3.15A 250V Max power required: 13W</p>
Observation Modes	Brightfield.
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	Double layer with mechanical sliding stage, size 175x145mm, X-Y movement range 76x52, specimen holder for two slides. Vernier scale on the two axes, accuracy 0,1 mm.
Nosepiece	Quintuple revolving nosepiece, rotation on ball bearings.
Head	Binocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve Interpupillary adjustment 55-75 mm.
Eyepieces	Wide field eyepieces WF10X/22 with field number 22.
Objectives	Infinity corrected optical system InfiniFix Plan-achromatic objectives with mechanical tube length 160 mm, made by following objectives: -) Plan-achromatic 4X, A.N. 0.10, W.D. 15,3 mm -) Plan-achromatic 10X, A.N. 0.25, W.D. 1,30 mm -) Plan-achromatic 40X, A.N. 0.65, W.D. 0,40 mm -) Plan-achromatic 100X, A.N. 1.25, W.D. 0,10 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
Condenser	Swing-out type, N.A. 1,25 with centering system.
Dimensions	HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg
Accessories	Instruction manual and dust cover included.