



Model:

**B-352A**

Typology:

**ROUTINE MICROSCOPE**

**Description:**

*Educational and laboratory microscope for routine applications.*

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

<b>Illumination</b>	Light source type X-LED with white LED; light intensity control using a knob on right side of the frame. LED power 3W, comparable to an halogen bulb 30-35W. Color temperature: 6300K LED average life time approx. 50000h. The light exit can be used as a filter holder for additional filters (blue, yellow, frosted). Voltage: 110/230Vac, 50/60Hz, 0,4/0,8A; Fuse: F2A 250V Max. power required: 7W
<b>Observation modes</b>	Brightfield.
<b>Focusing</b>	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.
<b>Stage</b>	Double layer with mechanical sliding stage, size 160x142mm, X-Y movement range 76x52. Specimen holder for two slides. Vernier scale on the two axes, accuracy 0,1 mm.
<b>Nosepiece</b>	Quadruple revolving nosepiece, rotation on ball bearings.
<b>Head</b>	Binocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on both eyepieces. Interpupillary adjustment 55-75 mm.
<b>Eyepieces</b>	Widefield eyepieces WF10X/20 with field number 20.
<b>Objectives</b>	Achromatic objectives with mechanical tube length 160 mm, made by following objectives: -) Achromatic 4X, A.N. 0.10, W.D. 37,5 mm -) Achromatic 10X, A.N. 0.25, W.D. 3,26 mm -) Achromatic 40X, A.N. 0.65, W.D. 0,63 mm -) Achromatic 100X, A.N. 1,25, W.D. 0,2 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
<b>Condenser</b>	Abbe condenser, N.A. 1,25 with centering system.
<b>Dimensions</b>	HEIGHT: 445 mm WIDTH: 205 mm DEPTH: 375 mm WEIGHT: 4 kg
<b>Accessories</b>	Instruction manual and dust cover included.