



Model:

**B-292PLi**

Typology:

**ROUTINE MICROSCOPE**

Description:

*Educational and laboratory microscope for routine applications.*

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

<b>Illumination</b>	Light source X-LED <sup>3</sup> type with white LED; light intensity control using a knob on left side of the frame. LED power 3.6 W, comparable to a 50 W halogen bulb. Color temperature: 6,300 K. LED lifetime: > 65,000 hours. Voltage: external power supply 100/240 Vac, 50/60 Hz, output: 6 Vdc 1 A. Max. required power: 6 W.
<b>Observation Modes</b>	Brightfield.
<b>Focusing</b>	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.
<b>Stage</b>	Double layer with mechanical sliding stage, size 150x139 mm, X-Y movement range 75x33 mm, specimen holder for one slide. X-axis rackless. Vernier scale on X-Y 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 left eyepiece. Interpupillary adjustment 48-75 mm.
<b>Eyepieces</b>	Wide Field, WF 10x/20, High Eyepoint.
<b>Objectives</b>	Infinity-corrected objectives (IOS): - IOS N-PLAN 4x/0.10, W.D. 16.8 mm - IOS N-PLAN 10x/0.25, W.D. 5.8 mm - IOS N-PLAN 40x/0.65, W.D. 0.43 mm - IOS N-PLAN 100x/1.25, W.D. 0.13 mm (OIL/WATER immersion) All objectives have anti-fungus treatment.
<b>Condenser</b>	Abbe condenser, sliding-in, N.A. 1.25 with centering system.
<b>Dimensions</b>	HEIGHT: 370 mm WIDTH: 235 mm DEPTH: 290 mm WEIGHT: 6.5 kg
<b>Accessories</b>	Instruction manual and dust cover included.