



Model:

**B-292PLI**

Typology:

**ROUTINE MICROSCOPE B-292PLI**

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 type with white LED; light intensity control using a knob on left side of the frame. LED power 3.6W, comparable to a 30-35W halogen bulb. Color temperature: 6300K. LED average lifetime approx.: 50.000h. Voltage: external power supply 100/240Vac, 50/60Hz, output: 6Vdc 1A. Max. required power: 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 150x133mm, X-Y movement range 75x50mm, specimen holder for one slide. Belt drive in X direction. Vernier scale on X-Y axes, accuracy 0,1mm.
<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>	Widfield eyepieces WF10X/20 with field number 20
<b>Objectives</b>	Infinity-corrected E-Plan objectives: -) IOS 4X, N.A. 0,10, W.D. 18 mm -) IOS 10X, N.A. 0,25, W.D. 7 mm -) IOS 40X, N.A. 0,65, W.D. 0,53 mm -) IOS 100X, N.A. 1,25, W.D. 0,13 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
<b>Condenser</b>	NA1.25 Abbe condenser, sliding-in, centrable, up-down adjustment by rack&pinion
<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