



Model:

B-293PLI

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 X-LED ³ 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.
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 150x139 mm, X-Y movement range 75x33 mm, specimen holder for one slide. Belt drive in X direction. Vernier scale on X-Y axes, accuracy 0.1 mm.
Nosepiece	Quadruple revolving nosepiece, rotation on ball bearings.
Head	Trinocular observation head, inclined 30° and rotatable 360°. Split ratio 50/50 fixed. Diopter adjustment on left eyepiece. Interpupillary adjustment 48-75 mm.
Eyepieces	Wide Field, WF 10x/20, High Eyepoint.
Objectives	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 are treated with an anti-fungus treatment.
Condenser	Abbe condenser, sliding-in, N.A. 1.25 with centering system.
Dimensions	HEIGHT: 440 mm WIDTH: 235 mm DEPTH: 290 mm WEIGHT: 6.5 kg
Accessories	Instruction manual and dust cover included.