



Model:

B-293PLi

Typology:

ROUTINE MICROSCOPE B-293PLi

Description:

Educational and laboratory microscope for routine applications.

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

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| Illumination | Light source X-LED ³ type with white LED; light intensity control using a knob on left side of the frame. LED power 3.6W, comparable to a 50W 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. |
| 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 150x139mm, X-Y movement range 75x33mm, specimen holder for one slide. Belt drive in X direction. Vernier scale on X-Y axes, accuracy 0,1mm. |
| 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 | Widefield eyepieces WF10X/20 with field number 20 |
| Objectives | Infinity-corrected E-Plan objectives: -) E-Plan IOS 4X, N.A. 0.10, W.D. 16.8 mm -) E-Plan IOS 10X, N.A. 0.25, W.D. 5.8 mm -) E-Plan IOS 40X, N.A. 0.65, W.D. 0.43 mm -) E-Plan IOS 100X, N.A. 1.25, W.D. 0.13 mm (oil immersion) All objectives are treated with an anti-fungus treatment. |
| Condenser | NA1.25 Abbe condenser, sliding-in, centrable, up-down adjustment by rack&pinion |
| Dimensions | HEIGHT: 370 mm WIDTH: 235 mm DEPTH: 290 mm WEIGHT: 6,5 kg |
| Accessories | Instruction manual and dust cover included |