



Model:

B-383DK

Typology:

ROUTINE MICROSCOPE

Description:

Educational and laboratory microscope for routine applications.

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

Illumination	<p>Light source: X-LED³; 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: 50000h.</p> <p><u>Darkfield illuminator based on high efficiency LED.</u></p> <p>Power supply: Input 110/240Vac, 50/60Hz; Output 6Vdc 1A Max. required power: 6W</p>
Observation modes	Brightfield, darkfield.
Focusing	<p>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.</p>
Stage	<p>Double layer mechanical sliding stage, size 160x140mm, moving range 78x54mm. Anti-scratch surface. Vernier scale on the two axes, accuracy 0,1 mm.</p>
Nosepiece	Quintuple revolving nosepiece, rotation on ball bearings.
Head	<p>Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment 48-75 mm. Fixed photo port, 50/50 ratio.</p>
Eyepieces	Widefield eyepieces WF10X/20 with field number 20.
Objectives	<p>Objectives with 160mm mechanical tube length: -) E-Plan 4X, N.A. 0.10, W.D. 15.2 mm -) E-Plan 10X, N.A. 0.25, W.D. 5.5 mm -) E-Plan 40X, N.A. 0.65, W.D. 0.45 mm -) PlanAchromatic 100X <u>with iris</u>, N.A. 1.25, W.D. 0.1 mm (oil immersion) All objectives are treated with an anti-fungus treatment.</p>
Condenser	<p>Abbe condenser, N.A. 1.25 with centering system. Darkfield condenser N.A. 1.36 with built-in X-LED.</p>
Dimensions	<p>HEIGHT: 480 mm WIDTH: 210 mm DEPTH: 370 mm WEIGHT: 4 kg</p>
Accessories	Instruction manual and dust cover included.