B-500TDK





Model: B-500TDK

B-2001 DM

Typology:

LABORATORY MICROSCOPE

Description:

Laboratory microscope for routine and research applications. Dye-cast frame, with high stability and ergonomy, for transmitted light observation.

Illumination Light source type X-LED with white LED; light intensity control using a knob on left side of the frame. LED power 3W, comparable to an halogen bulb 50W. Color temperature: 6300K LED average life time approx. 50:000h. The light exit can be used as a filter holder for additional filters (blue, yellow, frosted). Darkfield illuminator based on high efficiency LED. Voltage: 110/230Vac, 50/60Hz, 0,4/0,8A; Fuse: T3.15A 250V Max power required: 7W Observation Modes Brightfield, darkfield. 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 175x145mm, X-Y movement range 76x52, specimen holder for two slides. Vernier scale on the two axes, accuracy 0,1 mm. Nosepiece Quintuple revolving nosepiece, rotation on ball bearings. Head Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment 55-75 mm. Eyepieces Wide field eyepieces WF10X/22 with field number 22. Objectives and becirber with mechanical tube length 160 mm, made by following objectives: -) Plan-achromatic 010X with itis, A.N. 0.25, W.D. 0, 1 mm (oil immersion) All objectives are treated with an anti-fungus treatment. Condenser Swing-out type, N.A. 1, 25 with centering system. Darkfield condenser N.A. 1, 36 with built-in X-LED. Dimensions HEIGHT: 420 mm WEIGHT: 8 kg		
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Objectives Infinity corrected optical system InfiniFix Plan-achromatic objectives with mechanical tube lenght 160 mm, made by following objectives: ·) Plan-achromatic 4X, A.N. 0.10, W.D. 9,10 mm ·) Plan-achromatic 10X, A.N. 0.25, W.D. 1,30 mm ·) Plan-achromatic 40X, A.N. 0.65, W.D. 0,25 mm ·) Plan-achromatic 100X with iris, A.N. 1,25, W.D. 0,1 mm (oil immersion) All objectives are treated with an anti-fungus treatment. Condenser Swing-out type, N.A. 1,25 with centering system. Darkfield condenser N.A. 1,36 with built-in X-LED. Dimensions HEIGHT: WIDTH: 250 mm DEPTH: 290 mm WEIGHT: 420 mm 8 kg Accessories Centering Telescope included.	Head	Diopter adjustment on left eyepiece.
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