



Model:
B-500Ti-3

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 30-35W. 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). Voltage: 110/230Vac, 50/60Hz, 0,4/0,8A; Fuse: T3.15A 250V Max power required: 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 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 (main head) and binocular (discussion heads), inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment 55-75 mm. Multi-viewing device (2 observers simultaneous with the main observer). Discussion laser pointer (arrow) under the main head.
Eyepieces	Widfield eyepieces WF10X with field number 22 (on main head) and field number 20 (on discussion heads).
Objectives	Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic objectives infinity corrected, made by following objectives: -) Plan-achromatic IOS 4X, A.N. 0.10, W.D. 4,7 mm -) Plan-achromatic IOS 10X, A.N. 0.25, W.D. 4,1 mm -) Plan-achromatic IOS 40X, A.N. 0.65, W.D. 0,50 mm -) Plan-achromatic IOS 100X, A.N. 1,25, W.D. 0,08 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
Condenser	Swing-out type, N.A.0,9 with centering system.
Dimensions	<i>Main body:</i> HEIGHT: 420 mm WIDTH: 250 mm DEPTH: 290 mm WEIGHT: 8 kg <i>Overall dimensions :</i> WIDTH: 880 mm WEIGHT: 12 kg
Accessories	Instruction manual and dust cover included.



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.