



Model:

**B-500TiPh**

Typology:

**LABORATORY MICROSCOPE**

**Description:**

*Laboratory microscope for routine and research applications.*

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

<b>Illumination</b>	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 lifetime: 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
<b>Observation Modes</b>	Brightfield, phase contrast.
<b>Focusing</b>	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.
<b>Stage</b>	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.
<b>Nosepiece</b>	Quintuple revolving nosepiece, rotation on ball bearings.
<b>Head</b>	Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment 55-75 mm.
<b>Eyepieces</b>	Wide field eyepieces WF10X/22 with field number 22.
<b>Objectives</b>	<b>Infinity corrected optical system IOS (Infinity Optical System).</b> Plan-achromatic objectives infinity corrected, made by following objectives: -) Plan-achromatic IOS 10XPh, A.N. 0.25, W.D. 4,1 mm -) Plan-achromatic IOS 20XPh, A.N. 0.40, W.D. 1,45 mm -) Plan-achromatic IOS 40XPh, A.N. 0.65, W.D. 0,50 mm -) Plan-achromatic IOS 100XPh, A.N. 1,25, W.D. 0,08 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
<b>Condenser</b>	Condenser for phase contrast (for objectives 10x, 20, 40x, 100x) and brightfield. Condenser for brightfield, swing-out N.A. 0,9.
<b>Dimensions</b>	HEIGHT: 420 mm WIDHT: 250 mm DEPTH: 290 mm WEIGHT: 8 kg
<b>Accessories</b>	Instruction manual and dust cover included.



**Wolflabs**

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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.

