



Model:

**B-500TDK**

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>	<p>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).  <u>Darkfield illuminator based on high efficiency LED.</u>          Voltage: 110/230Vac, 50/60Hz, 0,4/0,8A; Fuse: T3.15A 250V          Max power required: 7W</p>
<b>Observation Modes</b>	Brightfield, darkfield.
<b>Focusing</b>	<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>
<b>Stage</b>	<p>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.</p>
<b>Nosepiece</b>	Quintuple revolving nosepiece, rotation on ball bearings.
<b>Head</b>	<p>Trinocular observation head, inclined 30° and rotatable 360°.          Diopter adjustment on left eyepiece.          Interpupillary adjustment 55-75 mm.</p>
<b>Eyepieces</b>	Wide field eyepieces WF10X/22 with field number 22.
<b>Objectives</b>	<p><b>Infinity corrected optical system InfiniFix</b>          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          -) PlanAchromatic 100X <u>with iris</u>, A.N. 1,25, W.D. 0,1 mm (oil immersion)          All objectives are treated with an anti-fungus treatment.</p>
<b>Condenser</b>	<p>Swing-out type, N.A. 1,25 with centering system.          Darkfield condenser N.A. 1,36 with built-in X-LED.</p>
<b>Dimensions</b>	<p>HEIGHT: 420 mm          WIDTH: 250 mm          DEPTH: 290 mm          WEIGHT: 8 kg</p>
<b>Accessories</b>	Instruction manual and dust cover included.



**Wolflabs**

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