



Model:  
**B-1000Ti-3**

Typology:  
**LABORATORY MICROSCOPE**

**Description:**

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

<b>Illumination</b>	<p><b>Light source type X-LED<sup>®</sup> with white LED;</b> light intensity control using a knob on left side of the frame. LED power: 8 W (comparable to a 100 W halogen bulb). Color temperature: 6,300 K. LED average lifetime approx.: 50,000 h. External power supply: Input 100-240 Vac 50-60 Hz / Output 6 Vdc 2.5 A. Max power required: 13 W.</p>
<b>Observation Modes</b>	Brightfield.
<b>Focusing</b>	Coaxial coarse and fine focusing mechanism (graduated, 0.002 mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.
<b>Stage</b>	<i>See catalog for available stages.</i>
<b>Nosepiece</b>	Sextuple revolving nosepiece, rotation on ball bearings. (see <b>M-1042</b> or <b>M-1043</b> ).
<b>Head</b>	Trinocular observation head (main head) and binocular (discussion heads), inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment 55-75 mm.  <b>M-1161:</b> Multi-viewing device (3 simultaneous observers). <b>Discussion LED pointer with 3 selectable colors (red, green, blue) and intensity adjustment.</b>
<b>Eyepieces</b>	Plan Extra Wide Field, PL 10x/22 (on main head) and Wide Field WF 10x/20 (on discussion heads).
<b>Objectives</b>	<b>Infinity corrected optical system IOS (Infinity Optical System).</b>  <i>See catalog for available objective sets.</i>
<b>Condenser</b>	Swing-out type, N.A.0.9 ( <b>M-1150</b> ) or N.A.1.2 ( <b>M-1152</b> ) with centering system.
<b>Dimensions</b>	<p><i>Main body:</i> HEIGHT: 460 mm WIDTH: 250 mm DEPTH: 394 mm WEIGHT: 10 kg <i>Overall dimensions :</i> WIDTH: 880 mm WEIGHT: 15 kg</p>
<b>Accessories</b>	Instruction manual and dust cover included.