



Model:  
SZN-4

Typology:  
LABORATORY STEREO MICROSCOPE

**Description:**  
*Stereomicroscope for laboratory and industry applications.*

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<b>Illumination</b>	<p><b>Transmitted illumination:</b> High brightness LED disc. Uniform illumination over 100 mm diameter. Light intensity control using a knob on the base. Illuminance: 8000 lux. Color temperature: 6300K.</p> <p><b>Incident illumination:</b> High intensity X-LED. Light intensity control using a knob on the base. Illuminance: 60000 lux. Color temperature: 6300K.</p> <p>LED average lifetime approx. 50000h. Input voltage: 110/240Vac, 50/60Hz (external power supply provided). Max. power required: 8W.</p>
<b>Focusing</b>	<p>By means of a rack and pinion controlled by a pair of knobs placed on both sides of the head holder. Tension of focusing can be adjusted. The head holder can slide along the pillar.</p>
<b>Stage</b>	<p>Fitted with white diffusing disc for transmitted light. Specimen clamps.</p>
<b>Head</b>	<p>Trinocular 360° rotating and 45° inclined. Adjustment +- 5 diopters on both eyepieces. Interpupillary adjustment 55-75 mm.</p>
<b>Eyepieces</b>	<p>Widefield eyepieces WF10x/22 with field number 22.</p>
<b>Objective</b>	<p>Parfocal achromatic objective 1X Working distance: 110 mm Zoom range: 0,67x - 4,5x (zoom factor: 6,71:1). Maximum magnification in standard configuration: 45X (can be increased to 225X).</p>
<b>Dimensions</b>	<p>Base: L. 270mm; W. 210mm; H. 30mm. Pillar: Height 315 mm; diameter 32mm. Weight: 4 kg</p>
<b>Accessories</b>	<p>Instruction manual and dust cover included.</p>