



Model:

**SZN-5**

Typology:

**LABORATORY STEREO MICROSCOPE**

Description:

*Stereomicroscope for laboratory and industry applications.*

#### illumination

##### Transmitted illumination:

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.

##### Incident illumination:

High intensity X-LED on each arm.  
Light intensity control using a knob on the base.  
Intensity: 80000 lux.  
Color temperature: 6300K.

LED average life time approx. 50000h.  
Input voltage: 110/240Vac, 50/60Hz (external power supply provided).  
Max. power required: 18W.

#### Focusing

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.

#### Stage

Fitted with white diffusing disc for transmitted light.  
Specimen clamps.

#### Head

Binocular 360° rotating and 45° inclined.  
Adjustment +/- 5 diopters on both eyepieces.  
Interpupillary adjustment 55-75 mm.

#### Eyepieces

Widefield eyepieces WF10x/22 with field number 22.

#### Objective

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).

#### Dimensions

Base: L. 270mm; W. 210mm; H. 30mm.  
Pillar: Height 315 mm; diameter 32mm.  
Weight: 4 kg

#### Accessories

Instruction manual and dust cover included.