



Model:

**SZN-3**

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.

Light intensity control using a knob on the base.

Illuminance: 60000 lux.

Color temperature: 6300K.

LED average lifetime approx. 50000h.

Input voltage: 110/240Vac, 50/60Hz (external power supply provided).

Max. power required: 8W.

#### 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.