



Model:
SZM-LED1

Typology:
LABORATORY STEREO MICROSCOPE

Description:
Stereomicroscope for laboratory and industry applications.

Illumination

Transmitted illumination:

High brightness LED disc. Uniform illumination over 40 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 51-75 mm.

Eyepieces

Widefield eyepieces WF10x/20 with field number 20.

Objective

Parfocal achromatic objective 1X
Working distance: 100 mm
Zoom range: 0,7x - 4,5x (zoom factor: 6,43:1).
Maximum magnification in standard configuration: 45X (can be increased to 180X).

Dimensions

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

Accessories

Instruction manual and dust cover included.