

SZM-1



Model:

SZM-1

Typology:

LABORATORY STEREO MICROSCOPE

Description:

Stereomicroscope for laboratory and industry applications.

Illumination	Dual illuminator adjustable for transmitted and reflected light, intensity control with two knobs on the right side of the base. The illumination angle in reflected light is adjustable. Two halogen bulbs 12V/15W provided. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuses: T1A 250V Max power required: 38W
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the stereomicroscope.
Stage	Fitted with a black disc and a white disc for contrast. Specimen clamps. Frosted glass disc for transmitted light.
Stand	Pillar stand height 25 cm. Base: 26x20x6h cm. Weight: 6 Kg
Head	Binocular rotating 360° and 45° inclined. Diopter adjustment on both eyepieces. Interpupillary adjustment 51-75 mm.
Eyepieces	Widefield eyepieces WF10x/20 with field number 20.
Objectives	Parfocal achromatic objective 1X Working distance: 100 mm Zoom range: 0,7x - 4,5x Zoom factor: 6,428:1
Accessories	Instruction manual and dust cover included.

SZM-2

Model:
SZM-2

Typology:
LABORATORY STEREOMICROSCOPE

Description:
Stereomicroscope for laboratory and industry applications.

Illumination	Dual illuminator adjustable for transmitted and reflected light, intensity control with two knobs on the right side of the base. The illumination angle in reflected light is adjustable. Two halogen bulbs 12V/15W provided. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuses: T1A 250V Max power required: 38W
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the stereomicroscope.
Stage	Fitted with a black disc and a white disc for contrast. Specimen clamps. Frosted glass disc for transmitted light.
Stand	Pillar stand height 25 cm. Base: 26x20x6h cm. Weight: 6 Kg
Head	Trinocular rotating 360° and 45° inclined. Diopter adjustment on both eyepieces. Interpupillary adjustment 51-75 mm.
Eyepieces	Widefield eyepieces WF10x/20 with field number 20.
Objectives	Parfocal achromatic objective 1X Working distance: 100 mm Zoom range: 0,7x - 4,5x Zoom factor: 6,428:1
Accessories	Instruction manual and dust cover included.

SZM-3

Model:
SZM-3

Typology:
LABORATORY STEREO MICROSCOPE

Description:
Stereomicroscope for laboratory and industry applications.

Illumination	The microscope is not equipped with its own illumination, but it can use external illumination systems (halogen, LED, fiber guides).
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the stereomicroscope..
Stand	Overhanging stand, pillar height 42 cm. Horizontal arm 45 cm. Base: 23x23x6h cm. Weight: 15 Kg
Head	Binocular rotating 360° and 45° inclined. Diopter adjustment on both eyepieces. Interpupillary adjustment 51-75 mm.
Eyepieces	Widefield eyepieces WF10x/20 with field number 20.
Objectives	Parfocal achromatic objective 1X Working distance: 100 mm Zoom range: 0,7x - 4,5x Zoom factor: 6,428:1
Accessories	Instruction manual and dust cover included.

SZM-4

Model:
SZM-4

Typology:
LABORATORY STEREOMICROSCOPE

Description:
Stereomicroscope for laboratory and industry applications..

Illumination	The microscope is not equipped with its own illumination, but it can use external illumination systems (halogen, LED, fiber guides).
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the stereomicroscope..
Stand	Overhanging stand, pillar height 42 cm. Horizontal arm 45 cm. Base: 23x23x6h cm. Weight: 15 Kg
Head	Trinocular rotating 360° and 45° inclined. Diopter adjustment on both eyepieces. Interpupillary adjustment 51-75 mm.
Eyepieces	Widefield eyepieces WF10x/20 with field number 20.
Objectives	Parfocal achromatic objective 1X Working distance: 100 mm Zoom range: 0,7x - 4,5x Zoom factor: 6,428:1
Accessories	Instruction manual and dust cover included.

SZM-LED1

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.

SZM-LED2

Model:

SZM-LED2

Typology:

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

Illumination	<p>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.</p> <p>Incident illumination: 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>
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	Trinocular 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.



LAB-10

Model:

LAB-10

Typology:

ROUTINE STEREO MICROSCOPE**Description:***Entry- level stereomicroscope for routine and industrial applications.*

Illumination	Double adjustable illuminator for incident and transmitted light fitted with two high-efficiency LED light sources. The angle of the incident illuminator is adjustable. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuses: T1A 250V Maximum power consumption: 7W
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the microscope.
Stage	Fitted with a semi-transparent plastic disc for transmitted light with specimen clamps.
Stand	Fixed arm type with focusing mechanism.
Head	Binocular heads, 360° rotating, 45° inclined. Adjustable dioptic compensation on left eyepiece tube. Interpupillary distance adjustable between 51 and 75 mm.
Eyepieces	WF10x/20mm widefield eyepieces.
Objectives	Achromatic objectives 2X and 4X selectable through rotation. Working distance 80mm.
Accessories	Manual and dust cover included.



LAB-20

Model:
LAB-20

Typology:
ROUTINE STEREO MICROSCOPE

Description:
Entry- level stereomicroscope for routine and industrial applications (fitted with Zoom)

Illumination	Double adjustable illuminator for incident and transmitted light fitted with two high-efficiency LED light sources. The angle of the incident illuminator is adjustable. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuses: T1A 250V Maximum power consumption: 7W
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the microscope
Stage	Fitted with a semi-transparent plastic disc for transmitted light with specimen clamps.
Stand	Fixed arm type with focusing mechanism.
Head	Binocular heads, 360° rotating, 45° inclined. Adjustable dioptric compensation on both eyepiece tubes. Interpupillary distance adjustable between 51 and 75 mm.
Eyepieces	WF10x/20mm widefield eyepieces.
Objectives	0,7x...4,5x zoom objectives Zoom factor: 6,43:1 Working distance: 85 mm. Higher magnifications are possible using additional eyepieces and additional lenses
Accessories	Manual and dust cover included.

Model: **LAB-30**

Illumination	Double adjustable illuminator for incident and transmitted light fitted with two high-efficiency LED light sources. The angle of the incident illuminator is adjustable. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuses: T1A 250V Maximum power consumption: 7W
Focusing	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the microscope
Stage	Fitted with a semi-transparent plastic disc for transmitted light with specimen clamps.
Stand	Fixed arm type with focusing mechanism.
Head	Trinocular heads, 360° rotating, 45° inclined. Adjustable dioptric compensation on both eyepiece tubes. Interpupillary distance adjustable between 51 and 75 mm.
Eyepieces	WF10x/20mm widefield eyepieces.
Objectives	0,7x...4,5x zoom objectives Zoom factor: 6,43:1 Working distance: 85 mm. Higher magnifications are possible using additional eyepieces and additional lenses.
Accessories	Manual and dust cover included.