

# MODULAR Series



**Advanced Modular Stereozoom Microscopes** 

# **Modular** Series **Identify The Most Suitable Heads For Your Needs** OPTIKA provides three series of stereomicroscope heads based on different field number, zoom level (and consequently, zoom ratio), inclination, and working distance. An even more substantial differentiating element is also the optical system: choose between Greenough or Galilean. **Multiple Mounting Stands and Configurations** An extremely wide stand selection gives you the chance to create your tailored stereomicroscope! Choose among the several models available to virtually cover every customers' needs, in terms of illumination, arm extension, and focusing system. OPTIKA

3

## Modular Stereozoom Microscopes

#### **Overhanging Stand, In Case Of Large Samples**

This stand is recommended for efficient, quick and precise observation and digital imaging of large samples, that cannot be processed with regular stands. Achieve 360° rotation and smooth movement with no limits, as the mechanism can be tilted from right to left, backward to forward.

### Get the most out of our accessories

#### ST-172 - Iris diaphragm module

With this accessory, the depth of field of the final image can be adjusted, for applications where different planes all in focus are needed.

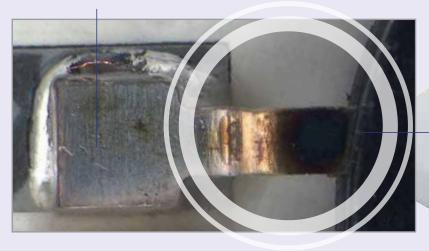


#### OUT-OF-FOCUS AREA

With iris diaphragm open

**ST-172** 

#### **FOCUS PLANE**



#### IN-FOCUS AREA

With iris diaphragm close

OPTIKA

Soldered Led Pin - SZP-8 with iris diaphragm module and ST-156 stand.

### **Applications**

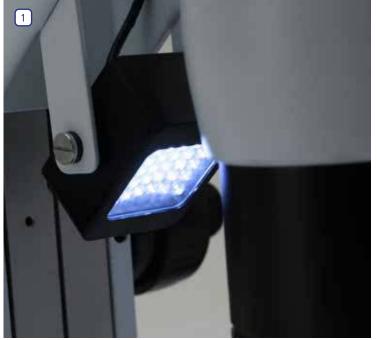
Some application examples demonstrating the versatility of stereomicroscopes with SZM, SZO and SZP heads. Applications in industrial and research are extremely facilitated by the advanced functionality offered.

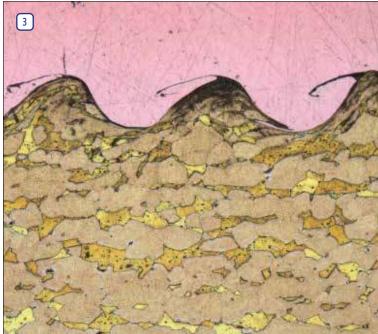
#### Legend

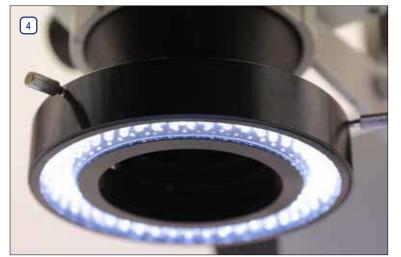
- 1. Matrix LED adjustable incident illuminator on ST-156.
- 2. SZ-STL2H overhanging stand, SZO-T head and CL-41 flexible arm LED illuminator.
- 3. Sample of copper-brass weld interface.
- 4. CL-16.1 LED ring illuminator.
- 5. Oblique illumination using a CLD-01 cold light generator.
- 6. Inspection of a steel blade.
- 7. Applications in electronics manufacturing.
- 8. CLD-01 LED illuminator with CL-11.1 double-arm optical fiber guide.

## **Modular** Series

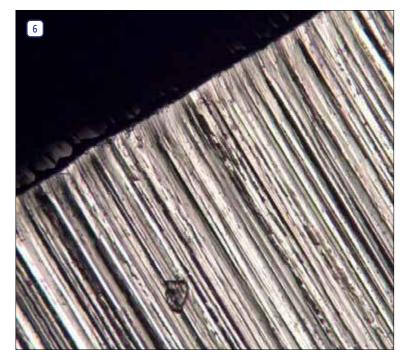
















OPTIKA provides three series of stereomicroscope heads based on different field number, zoom level (and consequently, zoom ratio), inclination, and working distance.

An even more substantial differentiating element is also the optical system: choose between Greenough or Galilean, according to the application.



## SZM-B





Part	Description
Head:	Binocular, 360° rotating on all stands and 45° inclined.
Interpup. distance:	Adjustable between 51 and 75 mm.
Dioptric adjustment:	On both eyepiece tubes.
Eyepieces:	WF10x/21 mm, high eye-point.
Objective:	Parfocal achromatic zoom 0.7x4.5x (zoom factor 6.43:1).
Working distance:	100 mm
Optical system:	Greenough (15° inclined)



## SZM-T





Part	Description
Head:	Trinocular, 360° rotating on all stands and 45° inclined. 2-position photo port: 100/0 and 0/100 (on right eyepiece tube).
Interpup. distance:	Adjustable between 51 and 75 mm.
Dioptric adjustment:	On both eyepiece tubes.
Eyepieces:	WF10x/21 mm, high eye-point.
Objective:	Parfocal achromatic zoom 0.7x4.5x (zoom factor 6.43:1).
<b>Working distance:</b>	100 mm
Optical system:	Greenough (15° inclined)



## SZO-B





Part	Description
Head:	Binocular, 360° rotating on all stands and 45° inclined.
Interpup. distance:	Adjustable between 51 and 75 mm.
Dioptric adjustment:	On both eyepieces.
Eyepieces:	WF10x/23 mm, high eye-point.
Objective:	Parfocal achromatic zoom 0.67x4.5x (zoom factor 6.72:1) with click-stop detents.
Working distance:	110 mm
Optical system:	Greenough (15° inclined)



## SZO-T





_	The second of
Part	Description
Head:	Trinocular (fixed photo port 70/30), 360° rotating on all stands and 45° inclined.
Interpup. distance:	Adjustable between 51 and 75 mm.
Dioptric adjustment:	On both eyepieces.
Eyepieces:	WF10x/23 mm, high eye-point.
Objective:	Parfocal achromatic zoom 0.67x4.5x (zoom factor 6.72:1) with click-stop detents.
Working distance:	110 mm
Optical system:	Greenough (15° inclined)



### **SZP-6, SZP-8, SZP-10**

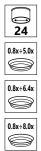


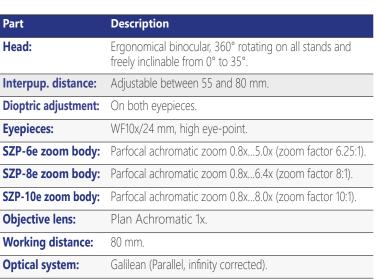


Part	Description
Head:	Binocular, 360° rotating on all stands and 30° inclined.
Interpup. distance:	Adjustable between 52 and 75 mm.
Dioptric adjustment:	On both eyepieces.
Eyepieces:	WF10x/24 mm, high eye-point.
SZP-6 zoom body:	Parfocal achromatic zoom 0.8x5.0x (zoom factor 6.25:1).
SZP-8 zoom body:	Parfocal achromatic zoom 0.8x6.4x (zoom factor 8:1).
SZP-10 zoom body:	Parfocal achromatic zoom 0.8x8.0x (zoom factor 10:1).
Objective lens:	Plan Achromatic 1x.
Working distance:	80 mm.
Optical system:	Galilean (Parallel, infinity corrected).



### SZP-6e, SZP-8e, SZP-10e







## MODULAR Series - Optical Performance

### **SZM** Heads

Eyepiece	10x (ST-081)		15x (ST-082)		20x (ST-083)	
Field number (mm)	21		15		10	
Objective	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)
0.5x (W.D. 165 mm)	3.5x-22.5x	60.00-9.23	5.25x-33.75x	42.86-6.67	7x-45x	28.57-4.44
0.75x (W.D. 117 mm)	5.25x-33.75x	40.00-6.22	7.875x-50.625x	28.57-4.44	10.50x-67.5x	19.05-2.96
1x (W.D. 100 mm)	7x-45x	30.00-4.66	10.5x-67.5x	21.43-3.33	14x-90x	14.29-2.22
1.5x (W.D. 47 mm)	10.50x-67.5x	20.00-3.11	15.75x-101.25x	14.29-2.22	21x-135x	9.52-1.48
2x (W.D. 33 mm)	14x-90x	15.00-2.33	21x-135x	10.71-1.67	28x-180x	7.14-1.11

### **SZO** Heads

Eyepiece	10x (S	T-301)	15x (S	T-302)	20x (ST-303)		25x (ST-144)	
Field number (mm)	2	3	16		16 12		9	
Objective	Total magnification	Field of View (mm)						
0.3x (W.D: 287 mm)	2.01x-13.5x	114.43-17.04	3.02x-20.25x	79.60-11.85	4.02x-27x	59.70-8.89	5.025x-33.75x	44.78-6.67
0.5x (W.D: 177 mm)	3.35x-22.5x	68.66-10.22	5.02x-33.75x	47.76-7.11	6.7x-45x	35.82-5.33	8.375x-56.25x	26.87-4.00
0.75x (W.D: 120 mm)	5.02x-33.75x	45.77-6.81	7.54x-50.63x	31.84-4.74	10.05x-67.5x	23.88-3.56	12.5625x-84.375x	17.91-2.67
1x (W.D: 110 mm)	6.7x-45x	34.33-5.11	10.05x-67.50x	23.88-3.56	13.4x-90x	17.91-2.67	16.75x-112.5x	13.43-2.00
1.5x (W.D: 47 mm)	10.05x-67.5x	22.89-3.41	15.08x-101.25	15.92-2.37	20.1x-135x	11.94-1.78	25.125x-168.75x	8.96-1.33
2x (W.D: 26 mm)	13.4x-90x	17.16-2.56	20.10x-135.00x	11.94-1.78	26.8x-180x	8.96-1.33	33.5x-225x	6.72-1.00

#### **SZP** Heads

#### **Optical performance SZP-6 / SZP-6e**

Eyepiece	10x (ST-160)		15x (S	15x (ST-161)		20x (ST-162)	
Field number (mm)	24		15			10	
Objective	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)	
0.3x (W.D: 280 mm)	2.4x-15x	100.00-16.00	3.6x-22.5x	62.50-10.00	4.8x-30x	41.67-6.67	
0.5x (W.D: 165 mm)	4x-25x	60.00-9.60	6x-37.5x	37.50-6.00	8x-50x	25.00-4.00	
1x (W.D: 80 mm)	8x-50x	30-4.80	12x-75x	18.75-3.00	16x-100x	12.50-2.00	
2x (W.D: 32.5 mm)	16x-100x	15-2.40	24x-150x	9.38-1.50	32x-200x	6.25-1.00	

#### **Optical performance SZP-8 / SZP-8e**

Eyepiece	10x (ST-160)		15x (ST-161)		20x (ST-162)	
Field number (mm)	24		15			10
Objective	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)
0.3x (W.D: 280 mm)	2.4x-19.2x	100.00-12.50	3.6x-28.8x	62.50-7.81	4.8x-38.4x	41.67-5.21
0.5x (W.D: 165 mm)	4x-32x	60.00-7.50	6x-48x	37.50-4.69	8x-64x	25.00-3.13
1x (W.D: 80 mm)	8x-64x	30.00-3.75	12x-96x	18.75-2.34	16x-128x	12.50-1.56
2x (W.D: 32.5 mm)	16x-128x	15.00-1.88	24x-192x	9.38-1.17	32x-256x	6.25-0.78

#### **Optical performance SZP-10 / SZP-10e**

Eyepiece	10x (ST-160)		15x (ST-161)		20x (ST-162)	
ield number (mm)	24		15			10
Objective	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)	Total magnification	Field of View (mm)
0.3x (W.D: 280 mm)	2.4x-24x	100.00-10.00	3.6x-36x	62.50-6.25	4.8x-48x	41.67-4.17
0.5x (W.D: 165 mm)	4x-40x	60.00-6.00	6x-60x	37.50-3.75	8x-80x	25.00-2.50
1x (W.D: 80 mm)	8x-80x	30.00-3.00	12x-120x	18.75-1.88	16x-160x	12.50-1.25
2x (W.D: 32.5 mm)	16x-160x	15.00-1.50	24x-240x	9.38-0.94	32x-320x	6.25-0.63

## **MODULAR** Series - Accessories for Heads

#### **ACCESSORIES FOR SZM HEADS**

<b>Eyecups</b>	& Eyepieces	
CT DOG	Evacune (nair)	currod

<u> </u>	Eyecups (pair), curveu		
ST-081	FW10x/21 evenieces (nair)	high evengint	with rubber cun

ST-082 WF15x/15 eyepieces (pair), high eyepoint

ST-083 WF20x/10 eyepieces (pair), high eyepoint

ST-084 WF10x/21 micrometric eyepiece, high eyepoint, with rubber cup

#### **Objectives & Additional Lenses**

ST-091 Additional lens 0.75x (w.d. 105mm) Additional lens 2x (w.d. 33mm) ST-087

#### **Camera Adapters**

M-113.1	Ring	adapter,	30mm	(for	monocular	and	binocular	microscopes	(

M-115 0.35x C-Mount projection lens 0.5x C-Mount projection lens M-114

M-118 0.75x C-Mount projection lens

C-Mount projection lens for APS-C/full frame reflex cameras (trino) M-173

M-699 Universal adapter for C-Mount projection lens (trino) 0.35x focusable C-Mount adapter (stereomicroscopes) ST-090

0.5x focusable C-Mount adapter (stereomicroscopes) ST-090.1 0.65x focusable C-Mount adapter (stereomicroscopes)

1x focusable C-Mount adapter (biological & stereomicroscopes) M-620.3

#### Miscellaneous

1 5 1 5 1	Cleaning	1.:+
15104	Lieanino	KII

DC-002 Plastic dust cover, medium, 490(l)x490(h) mm

M-005 Micrometric slide, 26x76mm, with 2 scales (1mm/100 & 10mm/100)

Protective glass for stereohead ST-092 IQ/OQ/PQ manual for SZM series VP-SZM

### **ACCESSORIES FOR SZO HEADS**

#### **Evecups & Evenieces**

ST-144	WF25x/9 eyepieces (pair), high eyepoint, focusable, with rubber cup
ST-301	WF10x/23 eyepieces (pair), high eyepoint, focusable, with rubber cup
ST-302	WF15x/16 eyepieces (pair), high eyepoint, focusable, with rubber cup
ST-303	WF20x/12 eyepieces (pair), high eyepoint, focusable, with rubber cup
ST-305	WF10x/23 micrometric eveniece, high evenoint, focusable, rubber cup

#### **Obiectives & Additional Lenses**

ST-102	Additional lens 0.3x (w.d. 287mm	)
CT 100	A L I'.' LL OF ( L 177	

Additional lens 0.5x (w.d. 177mm) ST-103 Additional lens 0.75x (w.d. 120mm) ST-104

ST-105 Additional lens 1.5x (w.d. 47mm)

ST-106 Additional lens 2x (w.d. 26mm) Spacer for negative additional lenses SZ-EXT

#### **Camera Adapters**

M-113.1 Ring adapter, 30mm (for monocular and binocular microscopes)

0.35x C-Mount projection lens 0.5x C-Mount projection lens M-115

M-114

M-118 0.75x C-Mount projection lens

C-Mount projection lens for APS-C/full frame reflex cameras (trino) M-173

M-699 Universal adapter for C-Mount projection lens (trino)

0.35x focusable C-Mount adapter (stereomicroscopes) ST-090

ST-090.1 0.5x focusable C-Mount adapter (stereomicroscopes)

ST-090.2 0.65x focusable C-Mount adapter (stereomicroscopes)

M-620.3 1x focusable C-Mount adapter (biological & stereomicroscopes)

#### Miscellaneous

#### 15104 Cleaning kit

	- 002	i idatic t	aust cov	CI, III	icaiaii,	7JU	1)/1-501	11)	1111111
1 1 )(	002	Plastic (	alict con	ar m	iadiiim .	21911	110/19/1	n١	mm

DC-004

TNT dust cover, large, 700(l)x550(h) mm Micrometric slide, 26x76mm, with 2 scales (1mm/100 & 10mm/100) M-005

ST-092 Protective glass for stereohead

VP-SZ IQ/OQ/PQ manual for SZ series

#### **ACCESSORIES FOR SZP HEADS**

#### **Evecups & Evepieces**

WF10x/24 eyepiece, high eyepoint, focusable, with rubber cup

ST-161 WF15x/16 eyepieces (pair), focusable, with rubber cup

ST-162 ST-163 WF20x/12 eyepieces (pair), focusable, with rubber cup

WF10x/24 micrometric eyepiece, high eyepoint, focusable, rubber cup

#### **Objectives & Additional Lenses**

ST-165 0.3x objective (w.d. 280mm)

ST-166 0.5x objective (w.d. 118mm)

2x objective (w.d. 32.5mm) ST-167

#### **Camera Adapters**

M-113.1 Ring adapter, 30mm (for monocular and binocular microscopes)

M-115

0.35x C-Mount projection lens 0.5x C-Mount projection lens M-114

0.75x C-Mount projection lens M-118

C-Mount projection lens for APS-C/full frame reflex cameras (trino) M-173

M-699 Universal adapter for C-Mount projection lens (trino)

ST-090 0.35x focusable C-Mount adapter (stereomicroscopes)

ST-090.1 0.5x focusable C-Mount adapter (stereomicroscopes)

ST-090.2 0.65x focusable C-Mount adapter (stereomicroscopes)

M-620.3 1x focusable C-Mount adapter (biological & stereomicroscopes)

#### Miscellaneous

15104	Cleaning	
13107	Cicariiiiq	IXIL

DC-002 Plastic dust cover, medium, 490(l)x490(h) mm

M-005 Micrometric slide, 26x76mm, with 2 scales (1mm/100 & 10mm/100)

M-151 HBO 100W high-pressure mercury bulb for fluorescence

Polarising set (filters and rotating stage - specify stand diameter)

ST-098 ST-170 ST-171 ST-172 Photo/Video beam splitter - 1 port

Photo/Video beam splitter - 2 port

Iris diaphgram module

ST-176 Protective glass for stereohead

SZP-FL-EU HBO fluo attachment, 3-pos. (B & G filter set), EU

SZP-FL-UK HBO fluo attachment, 3-pos. (B & G filter set), UK

SZP-FL-US HBO fluo attachment, 3-pos. (B & G filter set), US

SZP-FL-SW HBO fluo attachment, 3-pos. (B & G filter set), CH VP-SZP IQ/OQ/PQ manual for SZP series



ST-172



ST-170



ST-171

An extremely wide stand selection gives you the chance to create your tailored stereomicroscope! Choose among the several models available to virtually cover every customers' needs, in terms of illumination, arm extension, and focusing



### **ST-150**



Large, simple plain stand with head holder and focusing mechanism. **Pillar type.** 

Base size: 320x290 mm. Pillar size: Ø32x360 mm.

### **ST-152**



Large, simple plain stand with head holder and focusing mechanism. **Fixed arm type.** 

Base size: 320x280 mm. Fixed arm height: 360 mm.

### **ST-151**



Large plain stand with **LED transmitted illumination** and adjustable intensity control, head holder and focusing mechanism. **Pillar type.** Base size: 320x290 mm. Pillar size: Ø32x360 mm.

### **ST-153**



Large plain stand with **LED transmitted illumination**, and adjustable intensity control, head holder and focusing mechanism. **Fixed arm type.** Base size: 320x290 mm. Fixed arm height: 360 mm.

### **ST-155**



Modern, large plain stand equipped with **LED transmitted and incident illumination**, both with **intensity control**. It comes complete of head holder and focusing mechanism.

Base size: 330x290 mm. Height: 40 mm. Fixed arm height: 340 mm. Head not included.

### **ST-156**



Modern, large plain stand equipped with **LED transmitted and incident illumination**, both with **intensity control**. It comes complete of head holder and **coaxial coarse and fine focusing system**. Base size: 330x290 mm. Height: 40 mm. Fixed arm height: 340 mm. Head not included.

### **SZ-STL8**





X-LED<sup>T3</sup>: 60-LED illuminator for transmitted light

Modern stand equipped with the exclusive *X-LED*<sup>3</sup> lighting system located in two flexible arms and extra-large settable *X-LED*<sup>73</sup> transmitted illumination for enhanced brightness and improved sample observation. Incident illuminator: Two X-LED3 (single LED, 3.6W) on flexible gooseneck. Illuminance: 170,000 lux (at 10 cm distance).

**Transmitted illuminator:** X-LEDT3 (60 LEDs).

Base size: 270x210 mm. Height: 30 mm. Pillar: Ø32x315 mm. Multi-plug 100-240Vac/12Vdc external power supply.

### SZ-STL1H



### SZ-STL2H



### **SZ-STL5**



**Highly versatile flexible arm** stand, 360° rotating, ideal for industrial applications. It comes complete of **head holder with focusing system** and all the supports for **table clamp and wall mount. Small footprint** is ensured when not in use, saving valuable space on the bench. Head not included.

### '



334

Head not included.

Multi-plug 100-240Vac/6Vdc external power supply.

### **SZ-STLX**



SZ-STLX with SZ0-B head and CLD-01 + CL11.1

## **MODULAR** Series - Accessories

Most of the time, it is of fundamental importance to combine a stereomicroscope with the right accessories, such as attachments, illuminators to provide an efficient illumination and achieve the best working conditions possible. and moving or heating stages are necessary for some specific applications.



## **SZP-FL** - Epi-Fluorescence Attachment

### Attachment for fluorescence applications for SZP stereomicroscopes only.

Used in many applications like biology, botany, electronics, materials, forensics. Equipped with HBO 100W mercury lamp illuminator. *To be combined with ST-150 or ST-151 stand.* 



Name	Excitation filter (nm)	Dichroic mirror cut-off (nm)	Emission filter (nm)
B Blue	460 - 500	505	510LP
G Green	510 - 550	570	575LP

SZP-FL	HBO fluorescence attachment for SZP heads
Description:	SZP fluorescence attachment for biology, industrial inspection, criminal justice, etc. Essential tool for security printing and mineral research.
Illumination:	100W HBO high-pressure mercury bulb. Average lamp lifetime: 400 hours. Input voltage: 110/240Vac, 50/60Hz, 1A; Fuse: F8AL 250V. Maximum input power: 125W. Current and time counter LED displays.
Photo Attachment:	Trinocular output Photo/Video port.

### **MODULAR** Series - Illuminators

### **CLD-01**



**CL-11.1** 





for CL-11.1

#### Double-arm guide for CLD-01, with focusing lenses.

Arm length 500 mm. Each arm fitted with focusable lens adapter. Illuminance (at 10 cm distance): 100.000 lux.

Optional accessory:

CL-17.1: Polarizing filters (pair) for CL-11.1.





#### Ring optical fiber guide for CLD-01.

Lenght 700 mm, diameter 16 mm.

The circular end is suitable for all series, by using the three locking screws. Diameter of the fixing ring: 55 mm.

Illuminance (at 10 cm distance): 40,000 lux.

### **MODULAR** Series - Illuminators

### **CL-30**







Double-arm Led illuminator.

Light sources: LED (x2); With 2W high efficiency LEDs.

Color temperature: pure white 6,300 K; Luminous flux: 80 Im each arm;

Illuminance: 50,000 lux (at 10 cm distance). Multi-plug 100-240Vac/12Vdc external power supply.

**CL-41** 

Double-arm Led illuminator, with brightness control. Light sources: LED (x2); With 2W high efficiency LEDs. Color temperature: pure white 6,300 K; Luminous flux: 80 Im each arm. Illuminance: 50,000 lux (at 10 cm distance).

Multi-plug 100-240Vac/12Vdc external power supply.

**CL-14** 







Double-arm X-LED<sup>3</sup> illuminator, with brightness control.

**Light sources:** With 3,6 W high efficiency X-LED<sup>3</sup>.

**Color temperature:** pure white 6,300 K; **Luminous flux:** 400 lm each arm;

Illuminance: 170,000 lux (at 10 cm distance). Multi-plug 100-240Vac/12Vdc external power supply. 56-LED ring light illuminator, with brightness control.

Compact, with 360° rotating ring connector. Illuminance (at 10 cm distance): >8,000 lux. Suitable for LAB, SZM and SZO.

### **MODULAR** Series - Illuminators

**CL-16.1** 

### **CL-18**











**Professional lighting system** including 144 LEDs (2W total power) for enhanced light uniformity and brightness. The ring light illumination is divided into 4 different zones, individually adjustable for **selectable light zones**. The **separated, external control panel** prevents interferences during use, whilst the sturdy metal structure makes it **more durable and resistant**.

**Diameter of the fixing ring:** 60mm. **Color temperature:** pure white 6,300 K. **Illuminance:** 6,000 lux (at 10 cm distance). **Professional lighting system** including 96 LEDs for enhanced light uniformity and brightness, and **built-in rotating polarizing filter** and analyzer filters for complete polarization, ideal to reduce glares and reflections when viewing metallic parts.

Provided with on-board intensity level adjustement.

**Diameter of the fixing ring:** 60mm. **Color temperature:** pure white 6,300 K. **Illuminance:** 9,000 lux (at 10 cm distance).

### **MODULAR** Series - Stages

ST-100 & ST-100.1

### ST-110 & ST-110.1





#### Hand moving stage

Dimensions: 185x145mm. Range: 56mm (X) x 35mm (Y).

> ST-100: model for SZM-1 and SZM-2.

> ST-100.1: model for SZM-LED1, SZM-LED2 and SZO.

Please note that this item cannot be combined with SZO-5, SZO-6 and

SZ-STL8. Specific versions available also for other models.

Note: Fastening on microscope base on request.

#### Moving stage, with knobs

Manual positioning stage, using knobs for X-Y movements. Dimensions: 180x155mm. Range: 75mm (X) x 54mm (Y).

> ST-110: model for SZM-1 and SZM-2.

> ST-110.1: model for SZM-LED1, SZM-LED2 and SZO.

Please note that this item cannot be combined with SZO-5, SZO-6 and SZ-STL8. Specific versions available also for other models.

Note: Fastening on microscope base on request.

### ST-111 & ST-111.1

### ST-666 & ST-666.1





#### Moving stage, with micrometer screws

Manual positioning stage, using micrometer screws. Dimensions: 185x145mm. Range: 25mm (X) x 25mm (Y). Micrometer screws resolution: 0.01mm. > ST-111: model for SZM-1 and SZM-2. > ST-111.1: model for SZM-LED1, SZM-LED2 and SZO.

- Please note that this item cannot be combined with SZO-5, SZO-6 and SZ-STL8. Specific versions available also for other models. Note: Fastening on microscope base on request.

#### Heating stage, round

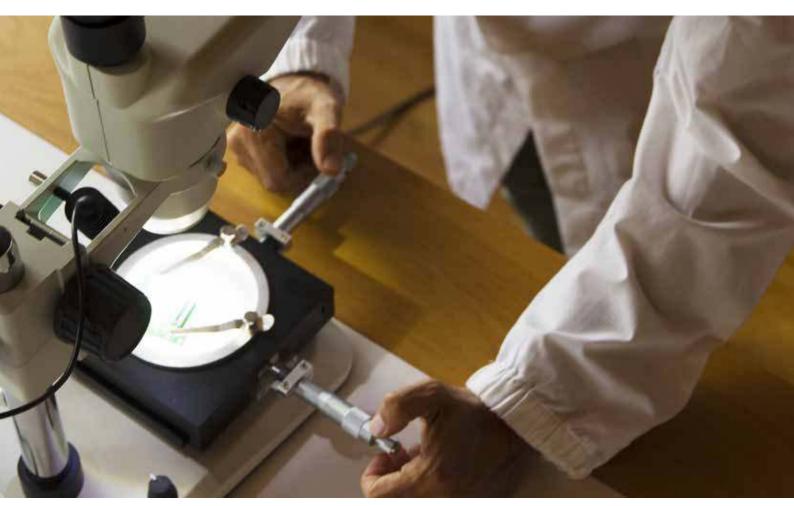
Temperature range: 20°C (room temperature) – 50°C. Temperature setting resolution: 1°C. Temperature measuring resolution: 0.1°C. Display: LED display for set temperature.

LED display for measured temperature.

> ST-666: model for SZM-1 and SZM-2.

> ST-666.1: model for SZM-LED1, SZM-LED2, SZO and SZ-STL8.

- Specific versions available also for other models. Note: Fastening on microscope base on request.



### **MODULAR** Series - General Accessories

#### Miscellaneous

15104	Cleaning Kit	
DC-002	Plastic dust cov	<u>er, mediun</u>

<u>m, 490(l)x490(h) mm</u> TNT dust cover, medium, 600(l)x550(h) mm

DC-004 TNT dust cover, large, 700(l)x550(h) mm

Micrometric slide, 26x76mm, with 2 scales (1mm/100 & 10mm/100) M-005





How to connect the cameras to our microscopes. Please refer to the Adapter reference list on Digital section.

v 1.4.0 - OPTIKA reserves the right to make corrections, modifications, enhancements, improvements and other changes to its products at any time without notice.

#### **Headquarters and Manufacturing Facilities**

OPTIKA' S.r.I. Via Rigla, 30 - 24010 Ponteranica (BG) - ITALY - Tel.: +39 035.571.392 - info@optikamicroscopes.com

**Optika Sales branches** 

**OPTIKA**° Spain **OPTIKA**° China **OPTIKA**° India

spain@optikamicroscopes.com china@optikamicroscopes.com india@optikamicroscopes.com

**OPTIKA**° USA **OPTIKA**° Central America usa@optikamicroscopes.com camerica@optikamicroscopes.com