

MODULAR

LAB-2BH / LAB-3TH / SZM-B / SZM-T / SZN-B / SZN-T / SZP-6
SZP-8 / SZP-10 / ST-150 / ST-151 / ST-152 / ST-153
SZ-STL1H / SZ-STL2H / SZ-STL3Led / SZ-STL3 / SZ-STL4
SZ-STL8 / ST-155 / ST-156

MODULAR Series

Modular stereozoom microscopes for industry



MODULAR

MODULAR Series - Heads

The MODULAR series has been designed to match professional needs in industrial field.

With a wide range of stereozoom heads and special stands, it allows to build your own model on the basis of your needs.






LAB-2BH Binocular stereozoom head

45° inclined, 360° rotatable;
WF10x/20mm widefield eyepieces;
Interpupillary distance: 51-75 mm;
Dioptric adjustment: +/-5 dp;
1x....4x zoom objective;
Zoom ratio: 4:1;
Working distance: 85 mm.



LAB-2BH

CAMERA ADAPTER CHART FOR TRINOCULAR MODELS

VC CAMERAS / OPTIKAM CAMERAS		DIGI		REFLEX APS-C	REFLEX Full frame 35mm
					
C-MOUNT	WITH LENS				
1/2	1/3			T/2*	T/2*
ST-175	ST-174	DIRECT	DIRECT	M-173	ST-173

- Add ST-170 or ST-171 for SZP heads

*T/2 is not supplied by OPTIKA



Trinocular stereo heads



MODULAR Series - Heads

LAB-3TH Trinocular stereozoom head

45° inclined, 360° rotatable;
 WF10x/20mm widefield eyepieces;
 Interpupillary distance: 51-75 mm;
 Dioptic adjustment: +/-5 dp;
 1x....4x zoom objective;
 Zoom ratio: 4:1;
 Working distance: 85 mm.

LAB-3TH



MODULAR Series - Accessories

Eyepieces

ST-001	Eyepieces (pair) WF5x/22mm
ST-002	Eyepieces (pair) WF10x/20mm
ST-003	Eyepieces (pair) WF15x/15mm
ST-004	Eyepieces (pair) WF20x/13mm
ST-005	Eyepiece micrometric WF10x

Additional lenses

ST-023	Additional lens 0,5x for LAB-2BH and LAB-3TH (w.d. 170 mm)
ST-024	Additional lens 1,5x for LAB-2BH and LAB-3TH (w.d. 42 mm)

Photo & Video adapters

ST-089	SLR Reflex camera adapter
ST-090	CCD camera adapter (for 1/3" sensors)
ST-090.1	CCD camera adapter (for 1/2" sensors)
M-173	APS-C Reflex camera adapter



MODULAR Series - Heads



SZM-B

SZM-B Binocular stereozoom head

45° inclined, 360° rotatable;
WF10x/20mm high-point widefield eyepieces;
Interpupillary distance: 51-75 mm;
Dioptric adjustment: +/- 5 dp;
0,7x....4,5x zoom objective;
Zoom ratio: 6,43:1;
Working distance: 100 mm.



SZM-T

SZM-T Trinocular stereozoom head

45° inclined, 360° rotatable;
WF10x/20mm high-point widefield eyepieces;
Interpupillary distance: 51-75 mm;
Dioptric adjustment: +/- 5 dp;
0,7x....4,5x zoom objective;
Zoom ratio: 6,43:1;
Working distance: 100 mm.

MODULAR Series - Accessories

Eyepieces

ST-081	Eyepieces (pair) WF10x/20 mm
ST-082	Eyepieces (pair) WF15x/15 mm
ST-083	Eyepieces (pair) WF20x/10 mm
ST-084	Eyepiece micrometric WF10x/20 mm

Additional lenses

ST-085	Additional lens 0,5x (w.d. 165 mm)
ST-091	Additional lens 0,75x (w.d. 117 mm)
ST-086	Additional lens 1,5x (w.d. 47 mm)
ST-087	Additional lens 2x (w.d. 26 mm)

Photo & Video adapters

ST-089	SLR Reflex camera adapter
ST-090	CCD camera adapter (for 1/3" sensors)
ST-090.1	CCD camera adapter (for 1/2" sensors)
ST-173	APS-C Reflex camera adapter



MODULAR Series - Heads

SZN-B Binocular stereozoom head

45° inclined, 360° rotatable;
WF10x/22mm high-point widefield eyepieces;
Interpupillary distance: 55-75 mm;
Dioptric adjustment: +/-5 dp;
0,67x....4,5x zoom objective;
Zoom ratio: 6,72;
Working distance: 110 mm.

SZN-B



SZN-T Trinocular stereozoom head

45° inclined, 360° rotatable;
WF10x/22mm high-point widefield eyepieces;
Interpupillary distance: 55-75 mm;
Dioptric adjustment: +/-5 dp;
0,67x....4,5x zoom objective;
Zoom ratio: 6,72;
Working distance: 110 mm.

SZN-T



MODULAR Series - Accessories

Eyepieces

ST-141	Eyepieces (pair) WF10x/22mm
ST-142	Eyepieces (pair) WF15x/16mm
ST-143	Eyepieces (pair) WF20x/12mm
ST-144	Eyepieces (pair) WF25x/9mm
ST-145	Eyepiece micrometric WF10x/22mm

Additional lenses

SA00.3	Additional lens 0,3x (w.d. 287 mm)
SA00.5	Additional lens 0,5x (w.d. 185mm)
SA00.75	Additional lens 0,7x (w.d. 120mm)
SA01.5	Additional lens 1,5x (w.d. 49mm)
SSA02	Additional lens 2x (w.d. 28mm)

Photo & Video adapters

ST-146	SLR Reflex camera adapter for full frame sensor
ST-147	CCD camera adapter (for 1/3" sensors)
ST-147.1	CCD camera adapter (for 1/2" sensors)
ST-173	APS-C Reflex camera adapter

MODULAR Series - Heads

SZP-6 Binocular parallel stereozoom head

30° inclined, 360° rotatable;
WF10x/22mm high-point widefield eyepieces;
Interpupillary distance: 52-75 mm;
Dioptric adjustment: +/-5 diopters;
Objective: 1x;
0,8x....5x zoom objective;
Zoom ratio: 6:1;
Working distance: 80 mm.

SZP-6



ST-170



ST-172

SZP-8 Binocular parallel stereozoom head

30° inclined, 360° rotatable;
WF10x/22mm high-point widefield eyepieces;
Interpupillary distance: 52-75 mm;
Dioptric adjustment: +/-5 diopters;
Objective: 1x;
0,8x....6,4x zoom objective;
Zoom ratio: 8:1;
Working distance: 80 mm.

SZP-10 + ST-171



SZP-10 Binocular parallel stereozoom head

30° inclined, 360° rotatable;
WF10x/22mm high-point widefield eyepieces;
Interpupillary distance: 52-75 mm;
Dioptric adjustment: +/-5 diopters;
Objective: 1x;
0,8x....8x zoom objective;
Zoom ratio: 10:1;
Working distance: 80 mm.

Also available models SZP-6ERGO, SZP-8ERGO, SZP-10ERGO

Binocular ERGO 0°-35° inclined, 360° rotatable
Dioptric adjustment on both eyepieces +/- 5 diopters.

SZP-ERGO

Ergonomic head version



* Stand not included

MODULAR Series - Accessories

Eyepieces

ST-161	Eyepieces (pair) WF15x/15 mm
ST-162	Eyepieces (pair) WF20x/12 mm
ST-163	Eyepiece micrometric WF10x/22 mm

Objectives

ST-165	Objective 0,3x (w.d. 280 mm)
ST-166	Objective 0,5x (w.d. 165 mm)
ST-167	Objective 2x (w.d. 32,5 mm)

Photo & Video attachments and adapters

ST-170	Photo/Video beam splitter - 1 port
ST-171	Photo/Video beam splitter - 2 ports
ST-172	Iris diaphragm
ST-173	Asp-c Reflex camera adapter
ST-174	CCD camera adapter (for 1/3" sensors)
ST-175	CCD camera adapter (for 1/2" sensors)



MODULAR Series - Stands

ST-150



ST-150 Large plain stand with head holder and focusing mechanism. Pillar type. Base: 320x280mm. Pillar: Ø32x360mm.

ST-151



ST-151 Large plain stand with head holder and focusing mechanism. LED trans-illuminator with intensity control. Pillar type. Base: 320x280mm. Pillar: Ø32x360mm.

ST-152



ST-152 Large plain stand with head holder and focusing mechanism. Fixed arm type. Base: 320x280mm. Fixed arm: 360mm.

ST-153



ST-153 Large plain stand with head holder and focusing mechanism. LED trans-illuminator with intensity control. Fixed arm type. Base: 320x280mm. Fixed arm: 360mm.

SZ-STL1H



SZ-STL1H Simple overhanging stand with head holder. Base dimensions: 230x230mm. Pillar: Ø32x380mm. Horizontal arm: 430mm.
* Head not included

SZ-STL2H



SZ-STL2H Hinged overhanging stand with head holder. Base dimensions: 260x210mm. Pillar: Ø32x380mm. Horizontal arm: 550mm.
* Head not included

MODULAR Series - Stands



SZ-STL8

SZ-STL8 Modern stand with small base. With 2 incident X-LED illuminators on flexible arms, and high brightness LED disc trans-illuminator (100mm Ø).



ST-155



ST-155 Modern stand with large base. LED trans-illuminator and LED incident illuminator, both with intensity control. ***Head not included.**

ST-156 Modern stand with large base. LED trans-illuminator and LED incident illuminator, both with intensity control. Coaxial coarse and fine focusing system. *** Head not included.**



SZ-STL4



SZ-STL3Led

SZ-STL3Led Industrial stand, with table clamp and double X-LED illuminators on flexible arms. *** Head not included.**



SZ-STL3

OPTIKA SRL

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