

SZM45 SERIES

ZOOM STEREO MICROSCOPE



The Model SZM45 series offer outstanding optics to ensure a sharp and high contrast image at a very low price. The working distance is 100mm. The standard magnification is 7x to 45x (zoom ratio 6.4:1), and total range of magnification is 3.5x to 180x with optional lenses. Focusing by means of a rack and pinion controlled by a pair of knobs located on the stand. Pillar stand, 25 mm diameter and 22 cm high. Wide die-cast aluminum base designed to support the wrists when the instrument is in use. Size 29x23x7h cm. Fitted with a pair of specimen clamps. Adjustable illuminator for incident light fitted with a 12V/20W halogen bulb with dichroic mirror. Illuminator for transmitted light fitted with a 12V/20W halogen bulb. Light intensity adjustment, done using a pair of rheostats located at the side of the base, is provided for both lighting units separately.

MAGNIFICATION TABLE

Eyepiece	Standard specification		Auxiliary objective 0.5X		Auxiliary objective 1.5X		Auxiliary objective 2X	
	Working distance 100mm		Working distance 165mm		Working distance 45mm		Working distance 30mm	
	Magnification	View field	Magnification	View field	Magnification	View field	Magnification	View field
10X/20mm	7.0X	28.6mm	3.5X	57.1mm	10.5X	19mm	14X	14.3mm
	45.0X	4.4mm	22.5X	8.9mm	67.5X	3mm	90X	2.2mm
15X/15mm	10.5X	21.1mm	5.25X	42.8mm	15.75X	14.3mm	21X	10.7mm
	67.5X	3.3mm	33.75X	6.7mm	101.25X	2.2mm	135X	1.7mm
20X/10mm	14.0X	14.3mm	7.0X	28.6mm	21.0X	9.5mm	28X	7.1mm
	90.0X	2.2mm	45.0X	4.4mm	135.0X	1.5mm	180X	1.1mm

SUMMARY TABLE

MODEL	HEAD	EYEPIECE	OBJECTIVE	STAND	ILLUMINATOR
SZM45B	Binocular	WF10x/20	0.7X-4.5X	SZ1	Incident and transmit 12V/20W
SZM45T	Trinocular	WF10x/20	0.7X-4.5X	SZ1	Incident and transmit 12V/20W
SZM45-ST2B	Binocular	WF10x/20	0.7X-4.5X	ST2	-----
SZM45-ST2T	Trinocular	WF10x/20	0.7X-4.5X	ST2	-----
SZM45-STL1B	Binocular	WF10x/20	0.7X-4.5X	STL1	-----
SZM45-STL1T	Trinocular	WF10x/20	0.7X-4.5X	STL1	-----
SZM45-STL2B	Binocular	WF10x/20	0.7X-4.5X	STL2	-----
SZM45-STL2T	Trinocular	WF10x/20	0.7X-4.5X	STL2	-----

STAND FOR SZM45



SZ1

STAND SIZE: 29X23CM



ST2

STAND SIZE: 32X26CM



STL1



STL2

Optional accessories:

Eyeiece WF10x (Φ20mm) WF15x (Φ15mm), WF20x (Φ10mm)

Auxiliary objective 0.5x 1.5x, 2x

Video Attachment

Photo Attachment

Darkfield stage,

Gemclamp

Ring fluorescent lighting 8W & 10W

Fiber optical illumination

Extra long stand



Darkfield



Auxiliary objective



Video & Photo Attachment