

SMZ 0745 Series





The Model SMZ 0745 series offer outstanding optics to ensure a sharp and high contact 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 5WLED bulb with dichroic mirror. Illuminator for transmitted light fitted with a 5WLED bulb. Light intensity adjustment, done using a pair of rheostats located at the side of the base, is provided for both lighting units separately.

Eyepiece	Standard specification		Auxiliary objective 0.5X		Auxiliary objective 1.5X		Auxiliary objective 2X	
	Working distance		Working distance		Working distance		Working distance	
	100mm		165mm		45mm		30mm	
	Magnification	View	Magnification	View	Magnification	View	Magnification	View
		field		field		field		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

MAGNIFICATION TABLE

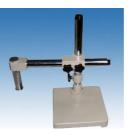
SUMMARY TABLE

MODEL	HEAD	EYEPIECE	OBJECTIVE	STAND	ILLUMINATOR
SMZ0745B-2L.	Binocular	WF10x/20	0.7X-4.5X	SZ 2L	Incident and transmit 5W LED
SMZ0745T-2L.	Trinocular	WF10x/20	0.7X-4.5X	SZ 2L	Incident and transmit 5WLED
SMZ0745B-P	Binocular	WF10x/20	0.7X-4.5X	Р	
SMZ0745T-P	Trinocular	WF10x/20	0.7X-4.5X	Р	
SMZ0745B-UnivA	Binocular	WF10x/20	0.7X-4.5X	Univ-A	
SMZ0745T-UnivA	Trinocular	WF10x/20	0.7X-4.5X	Univ-A	
SMZ0745B-UnivB	Binocular	WF10x/20	0.7X-4.5X	Univ-B	
SMZ0745T-UnivB	Trinocular	WF10x/20	0.7X-4.5X	Univ-B	

STAND FOR SZM45









SZ 2 L STAND SIZE: 29X23CM P - t y p e STAND SIZE: 32X26CM Univ A

Univ B

Optional accessories:

Eyepiece WF10x (©20mm) WF15x (©15mm), WF20x (©10mm) 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 & Gem Clamp

Auxiliary objective



Video & Photo Attachment