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NEW Stereo Zoom Microscope Systems from M2 Associates, Inc,

Z45 Stereo Zoom (.67X – 4.5X)

The Z45 Stereo Zoom Microscope was developed with advanced technologies to insure quality component imaging. Clear crisp images and a solid stereo zoom effect give excellent resolution in high and low power magnification. Ergonomic Zoom knob placement allows for smooth and easy operation. The Z45 is also available with a Trinocular port.



M2-Z45 Binocular



M2-Z45 - T Trinocular

Mounting options are Boom Stands or Rack Stands – Other custom mounting configurations are available.

Specifications of the Z45 and the Z45-T

45 degrees inclined observation tubes

Zoom rate 1:6.5

Zoom objective magnification is 0.67 – 4.5X

Working Distance is 100mm

Interpupillary adjustment 55mm – 75mm

Field of view 31mm-4.9mm

Both eyetubes with Diopter adjustment + or – 5.

Trinocular Pod Only: Optional C mount or standard PhotoTube

Zoom magnification	Eyepiece						Working distance
	SEWh10X22		SEWh15X16		SEWh20X12		
	Total magnification	View field(mm)	Total magnification	View field(mm)	Total magnification	View field(mm)	
0.67X	6.7X	23.8	10.0X	23.9	13.4X	17.9	100mm
0.70X	7.0X	31.4	10.5X	22.9	14.0X	17.1	
0.80X	8.0X	27.5	12.0X	20.0	16.0X	15.0	
1.00X	10.0X	22.0	15.0X	16.0	20.0X	12.0	
1.50X	15.0X	14.7	22.5X	10.7	30.0X	8.0	
2.00X	20.0X	11.0	30.0X	8.0	40.0X	6.0	
3.00X	30.0X	7.3	45.0X	5.3	60.0X	4.0	
4.00X	40.0X	5.5	60.0X	4.0	80.0X	3.0	
4.50X	45.0X	4.9	67.5X	3.6	90.0X	2.7	

Auxiliary objective part numbers.	magnification	Working distance(mm)
91-006-05X	0.5X	177
91-006-75X	.75X	117
91-006-2X	2X	26

Auxiliary lenses and Optional Items:

.5X Cuts magnification in half, increases working distance to 177mm

.75X Cuts magnification by $\frac{1}{4}$, increases working distance to 117mm

2X Doubles magnification, reduces working distance to 26mm

20X Eyepieces

15X Eyepieces

C mount adapter for Trinocular head (.5X lens)

Reticle 10mm scale ruled to .1mm

Stage – For the Rack Stand (76mm x 56mm travel)

Stage – Glide Stage (300 x 250mm travel)





Light Sources:

LED Ring Light - 60 Led Bulbs. Adjustable Brightness. Outputs 24V 6W. Color temperature 6400K. Max Opening of ring is 62mm. Price includes a Zoom Pod adapter

Fiber Optic Ring Light – Ideal for Photography applications or where a more intense white light is required. 150 watt power supply. 36" length fiber optic light pipe.
Price includes the appropriate Zoom Pod adapter.

Dual Goose Neck Fiber Optic Ring Light – Self supporting goosenecks allow you to position the light output to a specific area on your sample. 18" length light pipes.
Focusing lens for each pipe.