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Find the *Nikon MND 14000* at our website: ***Click HERE***

SMZ-10A Stereoscopic Zoom Microscope

The SMZ-10A Stereoscopic Zoom Microscope offers the flexibility of a modular system at an economical price. It incorporates the high performance optical system designed originally for Nikon's top of the line SMZ-U. Central to the system is the series of ED (Extra-low Dispersion) plan objectives, including a 1X Apo. The optical system provides uniformly flat images with virtually no distortions or aberrations.

The SMZ-10A offers the highest degree of flexibility, with the ability to take advantage of most of the accessories for the SMZ-1/1B and SMZ-2B/2T series, as well as the advanced accessories from the SMZ-U. The accessories include an ergonomic tilting eyepiece tube, a dual viewing teaching accessory, video and photographic attachments, many illuminations options, and much more.

The SMZ-10A zoom body has a magnification range of 0.75 to 4.9X (6.5:1 zoom ratio). With available eyepieces and objective lenses, the total magnification range is 3.75X to 294X. Clickstops allow magnifications to be easily found and repeated.

OPTICAL DATA

Zoom Range	Main Obj.	Working Distance (mm)	Eyepiece 10X (F.N. 24)		Eyepiece 15X (F.N. 17)	
			Mag.	Field Dia (mm)	Mag.	Field Dia (mm)
0.75-4.9X	0.5X	155mm	3.74-24.5	64.9-9.8	5.63-36.75	45-6.9
	0.75X	117mm	5.63-36.75	47.2-6.5	8.44-55.13	30.2-4.6
	1.0X	84mm	7.5-49	32-4.9	11.25-73.5	22.7-3.5
	1.5X	50.5mm	11.25-73.5	21.3-3.3	16.9-110.25	15.1-2.3
	2.0X	40mm	15-98	16-2.4	22.5-147	11.3-1.7

Zoom Range	Main Obj.	Working Distance (mm)	Eyepiece 20X (F.N. 15)		Eyepiece 30X (F.N. 7.0)	
			Mag.	Field Dia (mm)	Mag.	Field Dia (mm)
0.75-4.9X	0.5X	155mm	7.5-88.2	40-6.1	11.25-73.5	18.7-2.9
	0.75X	117mm	11.25-73.5	26.7-4.1	16.9-110.25	12.4-1.9
	1.0X	84mm	15-98	20-3.1	22.5-147	9.3-1.4
	1.5X	50.5mm	22.5-147	13-3.2	33.75-220.5	6.2-1
	2.0X	40mm	30-196	10-1.5	45-294	4.7-0.7

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