

Meiji Stereo-Zoom Microscope with Annular Fiber Optic Light Source



TKMZ-A

- ESD Safe
- Stainless Steel Ball Bearing Arm
- .7 - 4.5x Metal Pod
- Super Widefield Eyepiece 10X (pair) w/Reticle Mount
- High Output Annular Fiber Optic Assembly Provides Enough Light for ANY Task
- .5x Auxiliary Lens Included for Increased Working Distance
- Magnification Range of 3.5 - 225x (with optional accessories)
- Ergonomic Design for Maximum Comfort, Safety and Productivity
- Rigid Assembly and Inspection Standards
- Five Year Limited Warranty
- 120 Volt UL / cUL
- 230 Volt Available (CE)
- Many mounting styles to choose from (Ball Bearing Base *shown above*, Articulating Arm, and Laboratory Style Base)

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Technical Specifications

Power Requirement	120v Annular Ring light (230 volt available)
Color	Black and Grey
ESD Safe	Yes
Microscope Construction	Cast Aluminum Body with Quality Brass/Nylon Internal Mechanics
Microscope Configuration	.7 - 4.5x Pod with 45° Eyepieces
Magnification Range	Magnification Range of 3.5 - 225x (with optional accessories)
Eyepieces	Super Widefield Eyepiece 10X (pair) w/ Reticle Mount
Auxiliary Lenses	.5x Lens Included (others available)
Light Source	Micro-Lite® FL3000-A Annular Fiber Optic
Bulb Type	High Output 150w EKE style Bi-pin Bulb
Light Intensity	Fully Variable from 100 - 5%
Replacement Bulb	Only use OC White p/n FL400 "150w EKE Bulb"
Base Style	Heavy Duty Weighted Base with Double Ball Bearing Arm
Warranty Period	5 Year Mechanical; 2 Year Electrical

Model	Zoom Range	Auxiliary Lens	Working Distance (mm)	SWF10X Eyepieces		SWF15X Eyepieces		SWF20X Eyepieces		SWF30X Eyepieces	
				Total Mag.	Field (mm)	Total Mag.	Field Diameter (mm)	Total Mag.	Field Diameter (mm)	Total Mag.	Field Diameter (mm)
EMZ-5	0.7X~4.5X	none	93	7X ~ 45X	32.8 ~ 5.1	10.5X ~ 67.5X	22 ~ 3.4	14X ~ 90X	16.4 ~ 2.5	21X ~ 135X	11 ~ 1.7
		0.3X	251	2.1X ~ 13.5X	109 ~ 17	3.15X ~ 20.25X	73 ~ 11.4	4.2X ~ 27X	54.7 ~ 8.5	6.3X ~ 40.5X	36.6 ~ 5.7
		0.44X	171	3.08X ~ 19.8X	74.5 ~ 11.5	4.62X ~ 29.7X	50 ~ 7.7	6.16X ~ 39.6X	37.2 ~ 5.9	9.24X ~ 59.4X	25 ~ 3.8
		0.5X	148	3.5X ~ 22.5X	65.7 ~ 10.2	5.25X ~ 33.75X	44 ~ 6.8	7X ~ 45X	32.8 ~ 5.1	10.5X ~ 67.5X	22 ~ 3.4
		0.75X	97	5.25X ~ 33.75X	43.8 ~ 6.8	7.87X ~ 50.62X	29.3 ~ 4.5	10.5X ~ 67.5X	21.9 ~ 3.4	15.75X ~ 101.25X	14.6 ~ 2.2
		1.5X	49	10.5X ~ 67.5X	21.9 ~ 3.4	15.75X ~ 101.25X	14.6 ~ 2.2	21X ~ 135X	10.9 ~ 1.7	31.5X ~ 202.5X	7.3 ~ 1.1
		2.0X	33	14X ~ 90X	16.4 ~ 2.5	21X ~ 135X	11 ~ 1.7	28X ~ 180X	8.2 ~ 1.2	42X ~ 270X	5.5 ~ 0.8

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