



MSZ

STEREO ZOOM MICROSCOPE

- Parfocality - one time focus for all zoom magnifications
- Ergonomic design for ease of operation
- Both transmitted and reflected illumination option
- Zoom ratio 1:7
- 6V 15W halogen top lamp / LED
- 5W fluorescent bottom lamp / LED

Optional Accessories



Magcam DC Series Digital
Camera Attachment



Gems - Inspection
Accessories



SPECIFICATIONS

Stereo Zoom Microscopes for Biological & Industrial Use

Item	Model MSZ-BI	Model MSZ-TR
Optical Body	Binocular Body	Trinocular Body
Zoom Ratio	1:7	
Objective Zoom Range	0.65x - 4.5x	
Eyepiece	SWF10x / 22mm (High Eye-point super widefield eyepieces)	
Working Distance	100mm	
Interpupillary Distance Adjustment	55mm - 75mm	
Binocular Head Inclination of	45°	
Diopter Adjustment	+/-5 diopter	
Light Source	Top halogen lamp 6V15W adjustable brightness and bottom fluorescent lamp 5W of transmitted and reflected LED light source	

KEY FEATURES

● High Performance

- ✓ MSZ series stereo zoom microscopes utilize a greenough design and feature a 1:7 zoom ratio with a 100mm working distance and a large visual field
- ✓ The parfocality allows an erect image of the observed specimens to stay in focus through repeated changes in the magnification
- ✓ It is ergonomically designed for ease of operation

● Durability

- ✓ In addition to performance and comfort, a highlight of the MSZ is its durability
- ✓ Promoting one of the finest ball bearing guideways making the focusing mechanism extremely robust

MSZ Series Optical Data

Auxiliary Lens (optional)	WF 10x (standard)		WF 15x (optional)		WF 20x (optional)	
	Mag	FOV mm	Mag	FOV mm	Mag	FOV mm
1.5x	9.8x - 67.5x	22.5 - 3.3	14.6x - 101.3x	16.4 - 2.3	19.5x - 135x	13.3 - 1.9
2.0x	13x - 90x	16.9 - 2.5	19.5x - 135x	12.3 - 1.8	26x - 180x	10 - 1.4

The user may select different objective and eyepiece as per the requirement of magnification, working distance, visual fields and depth of field.

