

ZOOM STEREO MICROSCOPE IMS-2200 SERIES



Zoom Stereo Microscope IMS-2200 Series is the standard type of microscope where you change magnification using a zoom control knob. The binocular viewing head with wide field eyepieces and has excellent zoom objective to choose 0.7X- 3X and auxiliary objective 2X30 mm, 1.5X45 mm, 0.5X165 mm objectives and each eye tube has interpupillary adjustment. IMS-2200 Series is capable of providing strong images with a broad field of view, the multipurpose and perfect for basic studies of samples properties. Come with incident and transmitting LED and Halogen lights, allowing samples to be illuminated for a more comprehensive field of view. Suitable for education, lab research, biology, metallurgy, engineering, chemistry, manufacturing, and in the medical, forensic science and veterinary industries. The microscopes can be used for circuit board repair and inspection, SMT work, electronics inspection, dissection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts. Known for its dissecting featuring that allow to examine the huge specimen under 0.7X-4.5X low zoom magnification objective.

Features

- ◆ Zoom objective: 0.7X-4.5X with optional Auxiliary objective: 2X30 mm, 1.5X45 mm, 0.5X165 mm objective
- ◆ High point wide field WF10×/20 mm eyepieces
- ◆ Maximum magnification of up to 6. 7X-45X
- ◆ Coarse focusing, focusing range of length 50 mm
- ◆ 12V/15W Halogen and 3W LED light source with incident and transmitted illumination
- ◆ Binocular 45° inclined and a 360° rotatable viewing head with Interpupillary adjusting distance 54-76 mm
- ◆ Designed with small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Optional accessories LED ring light, Cold light source, 0.35x, 0.5× C, 1× C-mount

Technical Specifications

Model	IMS-2225	IMS-2235	IMS-2245	IMS-2255
Type	Zoom Stereo Microscope			
Viewing Head	Binocular head, inclined at 45°, Interpupillary Distance 54-76mm, diopter adjustment for both tubes, 30mm tube			
	(optional: Trinocular head, inclined at 45°, Interpupillary Distance, 54-76mm, 2:8, diopter adjustment for both tubes, 30mm tube			
Magnification	6. 7X-45X zoom			
Optical System				
Zoom Ratio	01:06.3			
	WD:100 mm and Head Mount 76mm			
Focusing	Coarse focusing, focusing range 50mm			
Eyepiece	WF10X20m m (optional: WF15X15mm ,WF20X10mm,WF25X9mm			
	WF30X8mm and um is optional)			
Pillar Stand	Pole height 240mm, pole diameter 32mm, with Clips, 95 mm black and White plate,200×255×22mm	Pole height 240mm, pole diameter 32mm, with Clips, 95 mm black and White plate, glass plate, 200×255×60mm	Pole height 240mm, pole diameter 32 mm, with Clips, 95 mm black and White plate, 205×275×22mm	Pole height 240mm, pole diameter 32 mm, with Clips, 95 mm black and White plate, glass plate:205×275×40mm
Objective	Zoom objective 0.7X-4.5X(optional: Auxiliary objective 2X30 mm, 1.5X45 mm, 0.5X165 mm)			
Stage				
Light Source	-	12V/15W Halogen Incident and Transmitted(optional: 3W LED Incident and Transmitted)	-	3W LED Incident and Transmitted
Certification				
Optional Accessories	LED ring light, Cold light source, 0.35x, 0.5× C,1× C-mount			
Packing Dimension	3850x240x370 mm			
Packing Weight	GW- 5.5 kg NW- 4.5 kg			
Electrical Requirement				
Catalogue No.	440165-05-04	440165-10-04	440165-15-04	440165-20-04

Optical Parameters

Objective	Standard Objective/ W.D.100 mm		0.5X Auxiliary Objective/ W.D.165 mm		1.5X Auxiliary Objective/ W.D.45 mm		2X Auxiliary Objective/ W.D.30 mm	
	Magnifi.	FOV	Magnifi.	FOV	Magnifi.	FOV	Magnifi.	FOV
WF10X20 mm	7.0X	28.6 mm	3.5X	57.2 mm	10.5X	19 mm	14.0X	14.3 mm
	45.0X	4.4 mm	22.5X	8.8 mm	67.5X	2.9 mm	90	2.2 mm
WF15X15 mm	10.5×	21.4 mm	5.25X	42.8 mm	15.75X	14.3 mm	21.0X	10.7 mm
	67.5X	3.3 mm	33.75X	6.6 mm	101.25X	2.2 mm	135.0X	1.67 mm
WF20X10 mm	14.0X	14.3 mm	7.0X	28.6 mm	21.0X	9.5 mm	28.0X	7.1 mm
	90.0X	2.2 mm	45.0X	4.4 mm	135.0X	1.5 mm	180.0X	1.1 mm
WF25X9 mm	17.5X	12.8 mm	8.75X	25.6 mm	26.25X	8.5 mm	35.0X	6.4 mm
	112.5X	2.0 mm	56.25X	4.0 mm	168.75X	1.3 mm	225.0X	1.0 mm
WF30X8 mm	21.0X	11.4 mm	10.5X	22.8 mm	31.5X	7.6 mm	42.0X	5.7 mm
	135.0X	1.7 mm	67.5X	3.5 mm	202.5X	1.2 mm	270.0X	0.89 mm