

ZOOM STEREO MICROSCOPE IMS-2100 SERIES



Zoom Stereo Microscope IMS-2100 Series is the standard type of microscope where you change magnification using a zoom control knob. The binocular and trinocular viewing head with wide field eyepieces and has excellent zoom objective to choose 0.7X- 3X and auxiliary objective 2X30 mm, 0.75X120 mm, 0.63X137 mm, 0.5X180 mm objectives and each eye tube has interpupillary adjustment. IMS-2100 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 lights, allowing samples to be illuminated for a more comprehensive field of view. Suitable for circuit board repair and inspection, SMT work, electronics inspection, 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 1X -4.5X low zoom magnification objective.

Features

- ◆ Zoom objective: 1X-4.5X with optional ZO- 0.7X-3X; Auxiliary objective:2X30 mm, 0.75X120 mm, 0.63X137 mm, 0.5X180 mm objective
- ◆ High point wide field WF10×/23 mm eyepieces
- ◆ Maximum magnification of up to 1X-4.5X
- ◆ Coarse focusing, focusing range of length 100 mm
- ◆ 100V-240V/LED light source with incident and transmitted illumination
- ◆ Binocular 45° inclined and a 360° rotatable viewing head with Interpupillary adjusting distance 55-76 mm and trinocular 45° inclined and a 360° rotatable viewing head with Interpupillary adjusting distance 55-76 mm
- ◆ Small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Comes with 1.3MP digital camera and software for quality images
- ◆ Optional accessories Photo and Video adaptor

Technical Specifications

Model	IMS-2130	IMS-2160	IMS-2190
Type	Zoom Stereo Microscope		
Viewing Head	Binocular head, at 45°, ID: 55-75mm(optional: Binocular head, inclined at 60°, ID: 55-75mm)	Trinocular head, at 45°, ID: 55-75mm (optional: Binocular head, at 60°, ID: 55-75mm)	Binocular head with 1.3MP digital camera, at 45°, I ID: 55-75mm, Image 9.0 software
Magnification	1X-4.5X		
Zoom Ratio	1:4.5 working distance 97 mm(optional:1:4.3)		
Focusing	Coarse Focus, Focusing Range 100mm		
Eyepiece	WF 10X 20 mm(optional: WF10X Eyepiece with cross line, 15X16mm, 20X12mm, 30X8mm)		
Nosepiece			
Objective	Zoom objective: 1X -4.5X (OPTIONAL: ZO- 0.7X-3X; Auxiliary objective:2X30mm, 0.75X120mm, 0.63X137mm, 0.5X180 mm)		
Stage			
Light Source	100V-240V/ LED Incident and 100V-240V/ LED Transmitted Illumination		
Certification			
Optional Accessories	Photo and Video adaptor		
Packing Dimension	360x310x520 mm		
Packing Weight	6 kg		
Electrical Requirement			
Catalogue No.	440160-05-04	440160-10-04	440160-15-04