

## **ZOOM STEREO MICROSCOPE IMS-2400 SERIES**



Zoom Stereo Microscope IMS-2400 Series is the standard type of microscope where you change magnification using a zoom control knob. The binocular and trinocular viewing head with extra wide field eyepieces and has excellent zoom objective to choose 0.8X-5X and auxiliary objective 2X45 mm, 0.5X210 mm objectives and each eye tube has interpupillary adjustment. IMS-2400 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 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 0.8X-5X low zoom magnification objective.

### **Features**

- ◆ Auxiliary 2X45 mm, 0.5X210 mm objective
- ◆ Extra wide field EW10X/22 mm eyepieces
- ◆ Maximum magnification of up to 0.8X-5X
- ◆ Frosted glass plate of length 100 mm, white and black round plate of length 100 mm
- ◆ Coarse focus knob with tension adjustable, moving range: 106 mm. Focusing arm diameter: 76 mm
- ◆ 100V/240W LED light source with incident and transmitted illumination
- ◆ Binocular 45° inclined and a 360° rotatable viewing head with Interpupillary adjusting distance 52-75 mm and trinocular 45° inclined and a 360° rotatable viewing head with Interpupillary adjusting distance 52-75 mm
- ◆ Small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Accessories adjustable 0.5× C-mount adapter
- ◆ Optional accessories Photo Adapter

## Technical Specifications

Model	IMS-2425	IMS-2435
Type	Zoom Stereo Microscope	
Viewing Head	Binocular Head, at 45°, ID: 52-75mm(optional:Trinocular Head, at 45°, ID: 52-75mm, 30:70 light distribution)	Trinocular Head, at 45°, ID: 52-75mm, 30:70 light distribution(optional: Binocular Head, at 45°, ID: 52-75mm)
Magnification	0.8X-5X	
Optical System		
Zoom Ratio	6.3:1 WS: 115 mm	
Focusing	Coarse Focus Knob with tension adjustable, Moving range 100mm	
Eyepiece	EW10X22mm(Optional:WF15X16mm, WF20X12. 5mm)	
Nosepiece		
Objective	optional: Auxiliary objective 2X45 mm, 0.5X210 mm	
Stage	Frosted Glass Plate, Diameter 100mm, White and Black round plate, Diameter 100mm	
Light Source	100V-240V/ LED incident and transmitted	
Certification		
Accessories	-	0.5X C-mount Adapter(optional:Photo Adapter )
Packing Dimension	3650x310x520 mm	
Packing Weight	8.5 kg	
Electrical Requirement		
Catalogue No.	440175-05-04	440175-10-04