

STEREO MICROSCOPE IMS-1500 SERIES



Stereo Microscope IMS-1500 Series suitable for school education, circuit board inspection, and repair, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, inspection and repair of small parts. The binocular viewing head and V-shaped objective. The pillar stand has the same ergonomic design with both the incident and transmitted lighting systems are rheostat controlled by halogen lamp and LED illumination lamp that allows the illumination to be adjusted to suit the sample type. Provide upright, un-reversed 3D images with high resolution and high quality

Features

- ◆ Long Working Distance: 2×, 4× 100 mm to create enough space for the uses and Head Mount-76 mm and Auxiliary objective
- ◆ High point wild field WF10×/20mm eyepieces
- ◆ Coarse focusing, focusing range of length 50 mm
- ◆ Halogen and LED light source illumination
- ◆ Black White plate stage
- ◆ Binocular 45° inclined and a 360° rotatable viewing head with Interpupillary adjusting distance 54-76 mm and diopter adjustment ±5dp on left ocular-tube and tube diameter 23.2 mm
- ◆ Small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Optional accessories Eyepiece, objective

Technical Specifications

Model	IMS-1510	IMS-1520	IMS-1530	IMS-1540
Type	Stereo Microscope			
Viewing Head	Binocular Viewing Head, Inclined at 45°, 360° rotatable, Interpupillary adjusting distance 54-76mm, left eyepiece with diopter adjustment±5			
Magnification	20x, 40x, with optional eyepiece and auxiliary objective, can be extended to 5x-160x			
Focusing	Coarse focusing, focusing range 50mm			
Eyeiece	High eye point WF10X20 mm (optional: WF15X15mm, WF20X10mm)			
Objective	Long working distance: 2X, 4X 100 mm and Head Mount-76 mm, (optional: Auxiliary objective: 0.5X, 165mm, 1.5X, 45mm, 2X, 30mm, 1X, 2X, 1X, 3X)			
Light Source	no illumination	Halogen illumination	no illumination	LED illumination
Pillar Stand	Pole height 240 mm, pole diameter 32 mm, with Clips, 95mm black and White plate, Base size: 200×255×22mm, no illumination	Pole height 240mm, pole diameter 32mm, with Clips, 95 mm black and White plate, glass plate, Base size: 200×255×60mm, Halogen illumination	Pole height 240mm, pole diameter 32mm, with Clips, 95 mm black White plate, Base size: 205×275×22mm, no illumination	Pole height 240mm, pole diameter 32mm, with Clips, 95 mm black and White plate, glass plate, Base size: 205×275×40mm, LED illumination
Certification				
Optional Accessories				
Packing Dimension	3850x240x370 mm			
Packing Weight	GW-4.5 kg NW- 3.5 kg			
Electrical Requirement				
Catalogue No.	440150-05-04	440150-10-04	440150-15-04	440150-20-04

Optical Parameters

Objective	Eyepiece						WD
	BS-3014A		WF15x/15mm		WF20x/10mm		
	Magnification	Length	Magnification	Length	Magnification	Length	
1X	10X	20 mm	15X	15 mm	20X	10 mm	
2X	20X	10 mm	30X	7.5 mm	40X	5 mm	
3X	30X	6.6 mm	45X	5 mm	60X	3.3 mm	100 mm
4X	40X	5 mm	60X	3.75 mm	80X	2.5 mm	