



Stereo Microscope LSM-B16

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DESCRIPTION :

Stereo Microscope LSM-B16 is a zoom stereo microscope with 45° inclined and 360° rotatable binocular head, and 7X-45X large zoom magnification range. Designed with long working stage distance, dual (top and bottom) incident and transmitted LED lights, sturdy pillar stand. With high resolution, broad field of view, and good working distance is used to view and examine objects easily and clearly.

FEATURES :

- Large working distance stage up to 100 mm and large field of view
- Bottom and top (dual) LED illuminations, separately controlled
- 7X-45X large zoom magnification range
- WF10X/20 mm High Eye point Eyepiece
- Offered Field of View 1.1 to 57.1 mm (with auxiliary lens)
- CE & ISO approved
- User-friendly operations

APPLICATION :

It finds application in exploring surface details, and fine structures of various materials like plants & other large biomaterial like insects, metal, semiconductor, jewel, rocks, 3D objects, microelectronic components etc. across life science, gemmology, mineralogy, archaeology and electronics.

SPECIFICATION :

Model no.	LSM-B16
Optical system	Parallel zoom optical system
Viewing Head	45° inclined and 360° rotatable binocular head, Interpupillary distance 5475 mm Both left and right ocular tube with diopter adjustment ± 5 dp
Eyepiece	WF10X/20 mm High Eye point Eyepiece
Zoom Stereo Objective	0.7X to 4.5X
Zoom Magnification	7X-45X
Zoom ratio	1 : 6 : 5
Total Magnification	Standard Magnification:45X (3.5X-180X reachable with Optional auxiliary objective)
Field of View	1.1 to 57.1 mm (with auxiliary lens)
Working distance	100 mm
Plate	Glass Plate with 95 mm diameter
Illumination	Incident & transmitted illumination by high brightness 3W LED, separately controlled
	Dual LED light Stand, post height: 280 mm
Focusing	Coarse focusing knobs, rack and pinion mechanism stand
Focusing range	110 mm
Dimension	480×330×280 mm
Weight	Approx. 6 kg