



# STEREO MICROSCOPE

## LSM-B1 Series

## Stereo Microscope LSM-B1 Series

Stereo microscopes LSM –B1 series is known for its long working distance & parallel zoom optical system. Sample can be viewed at three dimensional angle by zooming in particular part of interest. It is generally used for more complex applications in gemology, dissections in biology and others.

### Features

- ★ Binocular 20° inclined viewing head
- ★ EW10X/22 mm Eyepiece, Zoom and plan achromatic objective for Zoom magnification
- ★ Transmission & reflected LED illumination
- ★ Dual side precise coarse and fine focusing knobs
- ★ User-friendly operations

### Applications

Used in botany, zoology for dissection purpose, in gemology, minerology for examination and inspection of rocks, jewel, and microelectronic components, circuit boards and others.

### Specifications

Model no.	LSM-B10	LSM-B11	LSM-B12
Optical system	Parallel zoom optical system		
Viewing Head	Binocular head, inclined at 20°		
Eyepiece	Extra wide field EW10X/22 mm		
Zoom Stereo Objective	0.8X~5X	0.8X~6.4X	0.8X~8X
Achromatic Objective	1X plan achromatic objective		
Zoom ratio	1:6	1:8	1:10
Focusing range	78 mm		
Working distance	105 mm		
Illumination	Transmission & reflection LED illumination, brightness adjustable		
Focusing	Coarse focusing knobs, rack and pinion mechanism stand		
Dimension	370×320×670 mm		
Net weight	9 kg		
Gross Weight	10 kg		

## Optional accessories

Accessories no.	Name
1	Eyepiece WF10X/24 mm
2	Eyepiece WF20X/12 mm
3	Eyepiece: EW15X/16 mm
4	Achromatic objective: 0.3x
5	Plan achromatic objective: 2x
6	Plan apochromatic objective: 0.5x
7	Dark field attachment/ Dark field slider for condenser
8	Polarization attachment/ Simple polarization (with analyzer & polarizer)
9	Epi-fluorescent attachment
10	Iris diaphragm with adapter
11	Epi-fluorescent attachment
12	Beam splitter (one port)
13	Beam splitter (two port)
14	LCD attachment with software

## Stereo Microscope LSM-B13, LSM-B14

Stereo microscope LSM-B13, LSM-B14 are high quality stereo microscope with large zoom magnification objective range. These microscope has high resolution and broad field of view, and good working distance to view and examine objects easily and clearly.

### Features

- ★ Long working stage distance
- ★ 45° inclined and 360° rotatable binocular head
- ★ Objective zoom range 0.6X-4.5X or 0.7X-4.5X
- ★ White/black or frosted glass plate
- ★ Natural or Incident & transmitted illumination
- ★ User-friendly operations

### Applications

Used in botany, zoology for specimen dissection, in gemology, minerology for examination and inspection of rocks, jewel, and microelectronic components, circuit boards and others.

## Specifications

Model No.	LSM-B13	LSM-B14
Optical system	Parallel zoom optical system	
Viewing head	45° inclined and 360° rotatable binocular head, Interpupillary distance 55-75 mm	45° inclined and 360° rotatable binocular head, Interpupillary distance 55-75 mm Both left and right ocular tube with diopter adjustment $\pm 5$ dp
Eyepiece	WF10X/22 mm	
Zoom Stereo Objective	0.67X to 4.5X	0.7X to 4.5X
Zoom Magnification	6.7X-45X	7X-45X
Zoom ratio	1:6:7	1:6.4
Working distance	105 mm	100 mm
Plate	White or black or frosted glass plate	White or black plate
Illumination	Natural Illumination	Incident & transmitted illumination by 3W LED
Focusing	Coarse focusing knobs, rack and pinion mechanism stand	
Dimension	430×430×510 mm	480×330×280 mm
Net weight	8.5 kg	9.5 kg
Gross weight	4.5 kg	5.5 kg
Power supply	220V/50Hz, 110V/60Hz	–

### Optional accessories LSM-B13

Accessories no.	Name
1	Frosted glass plate
2	Auxiliary objective 0.5X
3	Auxiliary objective 1.5X
4	Auxiliary objective 2X
5	LED ring lamp: 48 LEB bulbs
6	LED ring lamp: 60 LEB bulbs
7	Eyepiece WF20X/12 mm
8	Eyepiece: EW15X/16 mm

### Optional accessories LSM-B14

Accessories no.	Name
1	Auxiliary objective 0.5X
2	Auxiliary objective 1.5X
3	Auxiliary objective 2X
4	LED ring lamp: 48 LEB bulbs
5	LED ring lamp: 60 LEB bulbs
6	Eyepiece WF20X/12 mm
7	Eyepiece: EW15X/16 mm