PARALLEL LIGHT ZOOM STEREO MICROSCOPE

DESCRIPTION: -

Stereo microscope is importantly applied in industry detection and life science. Based on Galileo optical system and man-machine engineering, BSZ-812 presents a real and perfect micro-image with easy operation, meets the research demands of biomedicine, microelectronics and semiconductor.

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

TECHNICAL SPECIFICATIONS

BSZ-812A

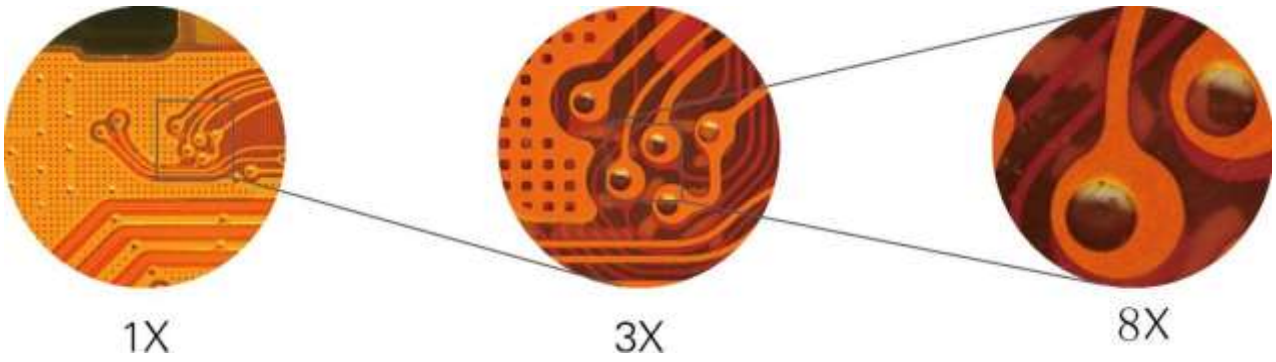
MODEL	BSZ-812A
Viewing head	Tilting trinocular viewing head, 5~45 degree adjustable; binocular: trinocular= 100:0 or 0:100; interpupillary distance 50-76mm; fixed eyepiece tube with lock screw
Eyepiece	High eye-point wide field plan eyepiece PL10X23mm, diopter adjustable
	High eye-point wide field plan eyepiece PL15X16mm, diopter adjustable
	High eye-point wide field plan eyepiece PL20X12.5mm, diopter adjustable
Zoom range	Zoom range: 0.8X~10X, zoom ratio: 12.5 : 1; built-in aperture diaphragm; click stop for 0.8X, 1X, 1.5X, 2X, 2.5X, 3 X, 4X, 5X, 6X, 8X , 10X
Main objective	1X main objective, working distance 78mm
Body	Coarse and fine coaxial focus system, integrated body with focus holder, coarse range: 50mm, fine precision 0.002mm
Base	Plan base with transmitted illumination (work with external 5W LED fiber); built-in 360 degree rotatable mirror, location adjustable
Illumination	5W LED light box (size: 270X100X130mm) with single fiber (500mm), color temperature 5000-5500K; operating voltage 100-240VAC/50-60Hz, output 12V
Camera adapter	0.5X/0.65X/1X C-mount (Optional)

TILTING VIEWING HEAD FOR COMFORTABLE OPERATION

BSZ-812 with tilting viewing head from 5 to 45 degree, can be flexibly adjusted for different operators with different posture.

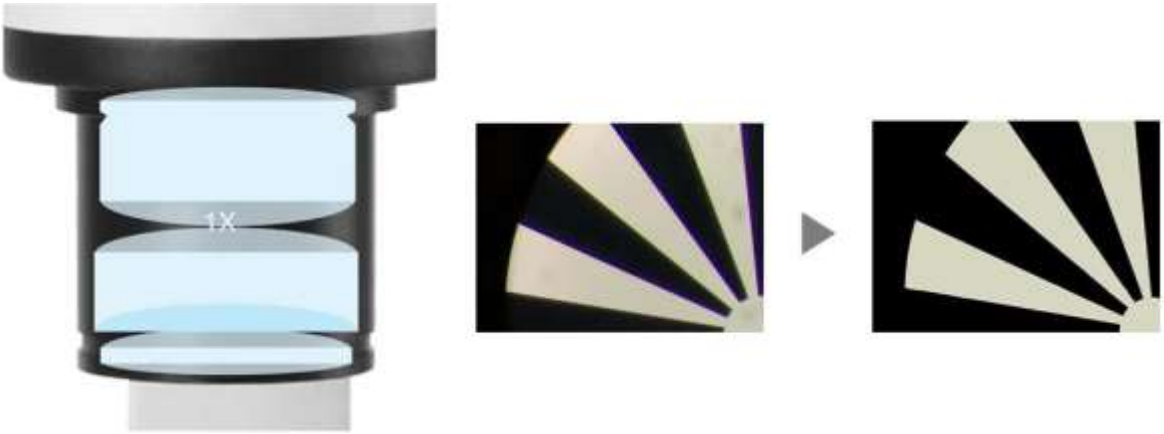
LARGE ZOOM RATIO 12.5:1

BSZ-812 has large zoom ratio from 0.8X to 10X, with click stop for every main time, which can be manually unbindfor zoom magnifying smoothly.



APOCHROMATIC OBJECTIVE

Apochromatic design significantly improves the lens performanceof color rendition. Correcting the axial chromaticaberration of red/green/blue/purple, and converge them on a focal plane, the objective is able to present the realcolor of the samples.



APERTURE DIAPHRAGM ADJUSTMENT

Shift the aperture diaphragm in front to adjust depth of field for high-quality image.