



PARALLEL LIGHT STEREO ZOOM MICROSCOPE



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

BSZ-812A



DESCRIPTION:

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

TECHNICAL SPECIFICATIONS:

Model No.	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:

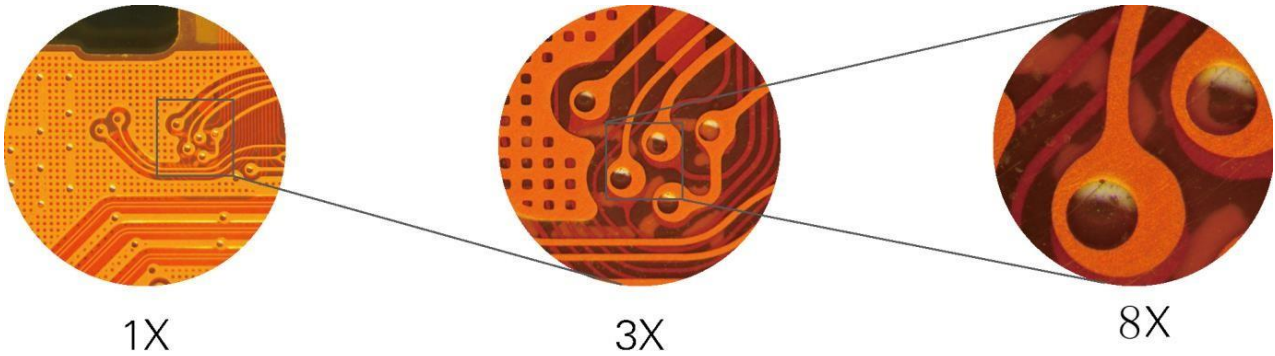
BSZ-812A with tilting viewing head from 5 to 45 degree, can be flexibly adjusted for different operators with different posture.





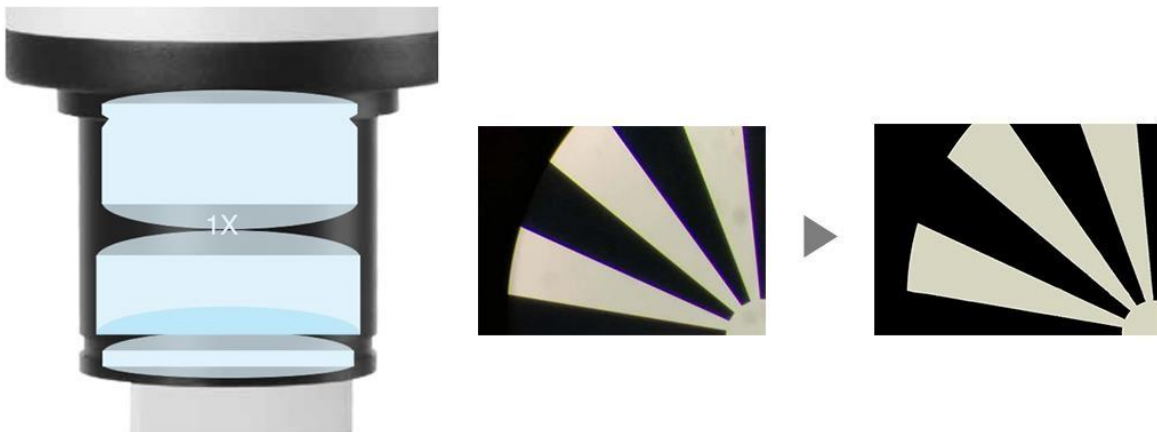
LARGE ZOOM RATIO 12.5:1

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



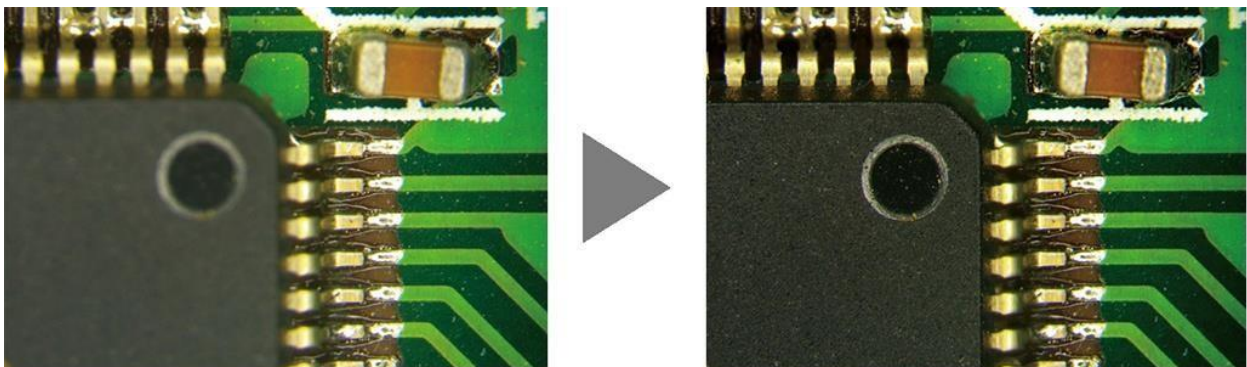
APOCHROMATIC OBJECTIVE:

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



APERTURE DIAPHRAGM ADJUSTMENT:

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



* Due to continuous product development, Image & specification can be upgrade.