



SZ4 microscope on boom arm stand

## SZ4 STEREO ZOOM MICROSCOPE

### SZ4 STEREO ZOOM BINOCULAR BODY

- High definition 3D image
- Adjustable diopter of eyepiece tube
- Wide field of view and long working distance
- Ergonomic design

The SZ4 stereo zoom microscope is a remake of the classic StereoZoom 4 design so popular throughout the world. The SZ4 is compatible with the original model components for trouble-free integration into existing production areas using the earlier StereoZoom models. The high definition 3D images make it suitable for application in schools and institutes for natural science and education, routine clinical inspection, biological engineering, scientific research, industrial test and assembly, measurement, quality control and inspection and test in IT fields.

#### Specifications

- Zoom Range of Zoom Body: 0.7X-3X
- Zoom Ratio: 1:4.3
- Magnification: 3.5X-120X
- Field of View: 1.8mm-51.4mm
- Working Distance: 50mm-107mm
- Interpupillary Distance: 52mm-72mm
- Eyepiece Diopter Correction: > 5 Diopter
- Eyetube Inclination: 60°
- Optional Eyepieces: 10X, 15X and 20X
- Optional Auxiliary Lenses: 0.5X and 2X.

Magnification is 7X through 30X when 10X eyepieces are installed. The continuous single zoom knob on the top and the adjustable dual eyetube diopters are ergonomic and convenient for operators use.



Zoom Knob

#### Application

Optional Wide Field of View Eyepieces: 10X, 15X and 20X; Optional Auxiliary Lenses: 0.5X and 2X.

Picture Preview	P/N	Name	Description
	SA611101	Stereo Zoom Binocular Body	0.7-3X zoom objective range, Zoom ratio 4.3:1. Working distance 100mm. Eyepieces are not included for this item - see options below
	SA612101	10X Eyepieces	Wide Field 10X Eyepieces, 18mm field of view, the tube outside dia. 23mm; For SZ4 Series of Stereo Microscopes.
	SA612103	15X Eyepieces	Wide Field 15X Eyepieces, 14mm field of view, the tube outside dia. 23mm; For SZ4 Series of Stereo Microscopes.
	SA612104	20X Eyepieces	Wide Field 20X Eyepieces, 11mm field of view, the tube outside dia. 23mm; For SZ4 Series of Stereo Microscopes.
	SA613102	0.5X Auxiliary Lens	0.5X Auxiliary Lens, working distance 168mm, for SZ4 Series Stereo Zoom Microscope
	SA613105	2X Auxiliary Lens	2X Auxiliary Lens, working distance 50mm, for SZ4 series Stereo Zoom Microscope.
	SA613201	Ring Adapter	For SZ4 Series Stereo Zoom Microscope.

#### Optical Datasheet

Auxiliary Lens	Working Distance (mm)	Eyepieces					
		10X( 318mm)		15X( 314mm)		20X( 311mm)	
		Mag.	FOV (mm)	Mag.	FOV (mm)	Mag.	FOV (mm)
0.5X	168	3.5X-15X	51.4-12	5.25X-22.5X	40-9.3	7X-30X	31.4-7.3
Built-in(1X)	107	7X-30X	25.7-6	10.5X-45X	20-4.7	14X-60X	15.7-3.7
2X	50	14X-60X	12.8-3	21X-90X	10-2.3	28X-120X	7.9-1.8

#### Example Configurations

Note: Displayed items are options.

#### SZ4 Stereo Zoom Microscope

- SZ4 Stereo Zoom Binocular Body, SA612101 10X Eyepieces (Pair), S221106 B&L Track Stand.

#### Select different Illuminator

P/N	Illuminator	FOI-150 Fiber Optic Illuminator		TLC5-TL5 Fluorescent Ring Light	AN-2-40-LED LED Ring Light
		FOI-Kit3-TL5 Annular Ring Light Guide	FOI-Kit1 Dual Pipe Light Guide		
SZ4-1-AN		•			
SZ4-1-DPL			•		
SZ4-1-TLC				•	
SZ4-1-LED					•



SZ4-1 Stereo Zoom Microscope on track stand

