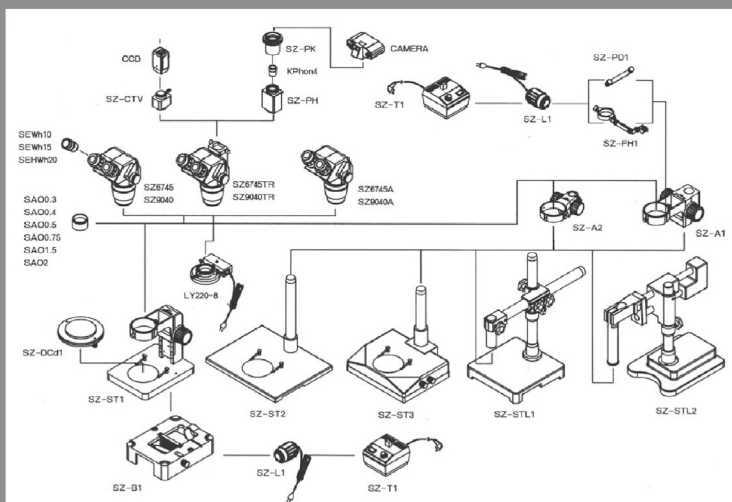


stereo

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Stereo Zoom Microscope



Magnification	Standard: 6.7X–4.5X. Using optional eyepiece and auxiliary lens, it can extend to 2X–225X		
Objective	Zoom objective lens 0.67X–4.5X (6.7:1)		
Viewing Head	45° or 60° inclined, 360° rotatable, inter–pupillary range 54–76mm, both sides diopter adjustable(± 5mm), binocular or trinocular		
Eyepiece	Standard: 10X/22mm, large field, wide angle, high eyepiont, to facilitate the user who wear glasses		
Optional Eyepiece	15X/16mm, 20X/10mm, 25X/9mm (All can be mounted the reticle)		
Working Distance	Standard:100mm, using optional auxiliary lens can expand to 26mm–287mm		
Auxiliary Lens	Optional: 0.3X/287mm, 0.4X/217mm, 0.5X/177mm, 0.75X/117mm, 1.5X/117mm, 2X/26mm		
Focus	Two focusing knobs is tension adjustable, adjustment range 50mm		
Top Illuminator	Halogen bulb 12V/15W oblique lighting	Independent top/bottom illuminator switch, both with continuous brightness adjustment, and the brightness is stable	
	High brightness LED oblique lighting		
Bottom Illuminator	Transmitted halogen bulb 12V/15W		
	Transmitted fluorescent bulb 230V/7W		
	Transmitted high brightness LED		
Photo Tube & TV Adapter	Special C–mount adapter, can connect with common camera, digital camera, simulate CCD and digital CCD		



As technical improvement, manufacturer has right to make renovation in designing without notice

Illumins INSTRUMENTS CO.
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- An established optical system perfected over time
- Large zoom ratio with a high resolution
- Long working distance makes it easy to operate



Stereo Zoom Microscope

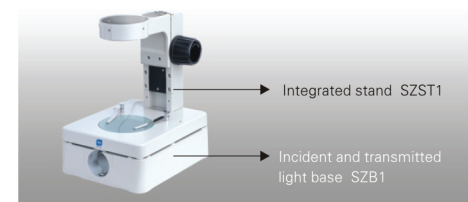
Provide high quality optical system and stable operation system. Complete accessories and diversified combination specification. To meet high-precision requirements on modern biology, medicine, scientific research, inspection lines in modern electronics and other technology industry.



Functions and Characteristics

- High quality optical components coated with special film.
- A large visual field with a flat image, good contrast and bright and clear at the periphery
- Zoom objective lens 0.67X~4.5X (6.7:1), standard magnification 6.7X~45X. Use optional auxiliary lens, the magnification can be 2X~225X.
- The standard working distance is 100mm, with the optional auxiliary lens the working distance range increases from 26-287mm to create a comfortable working space.
- 45° or 60° inclined viewing head with both tubes being dioptre adjustable ensuring a clear and focused image.
- The ergonomic design and optimal eye-point height reduces operator fatigue.
- Bilateral zoom hand wheel settings ensures high precision zoom and is user friendly.
- A variety of accessories are available to suit an array of applications

Base and Stand



Integrated stand

Fixed type focusing mechanism with rack and pinion and ball bearing guide
Tension adjustment can be freely changed by two focusing knobs
Focusing range 114mm, can be matched with SZB1
The base includes clips and ϕ 100mm white/black plate
Post height: 187mm
Drawtube size: ϕ 76mm
Focusing bracket: range 117mm
Stage size: 230mmX180mmX26mm

Incident and transmitted light base

Used with SZ-ST1
Built-in condenser and adjustable mirror
With the hole to install oblique illuminator SZ-L1
Stage size: 230mmX180mmX61mm

Large rectangular stand

Used with SZA1 focus arm
The base includes clips and ϕ 100mm white/black plate
Post height: 248mm,
Diameter: ϕ 32mm
Stage size: 260mmX320mmX12mm



Pillar style transmitted light stand

Used with SZA1 focus arm,
The base includes clips and ϕ 100mm glass plate
Bottom illuminator: 12V/15W halogen bulb, brightness-adjustable
Post height: 248mm,
Diameter: ϕ 32mm
Stage size: 240mmX240mmX73mm



Pillar style LED transmitted light stand

Used with ST70A1 focus arm
Built-in wide range voltage 110V~240V, top and bottom high brightness LED illuminator
Uniform lighting, independent switch and adjustment, secure low voltage, low power consumption, small heat and long life.
Ergonomic design, better stability.
Post height: 280mm, Diameter: ϕ 32mm
Stage size: 303mmX290mmX47mm



Single armed pillar stand

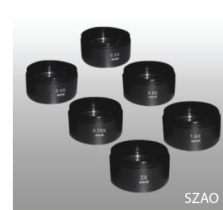
Expand your working area, the objective can be observed at any angle in any direction and can be used with all standard focus arms.
Vertical post height: 380mm
Diameter: ϕ 32mm
Focus post height: 104mm
Diameter: ϕ 32mm
Horizontal moving range: 235mm
Stage size: 230mmX230mmX40mm



Double armed pillar stand

Double armed, better stability for observing
Can be used with all standard focus arms.
Vertical post height: 380mm
Diameter: ϕ 32mm
Focus post height: 140mm
Diameter: ϕ 32mm
Horizontal moving range: 235mm
Stage size: 210mmX260mmX20mm

Auxiliary Lens



Expand the magnification from the standard 6.7X~45X to 2X~225X
There are 0.3X, 0.4X, 0.5X, 0.75X, 1.5X and 2X for option

Darkfield condenser and gem clamp



Observe the jewelry and precious stones
Used with SZST3, BL1, BL3 stand