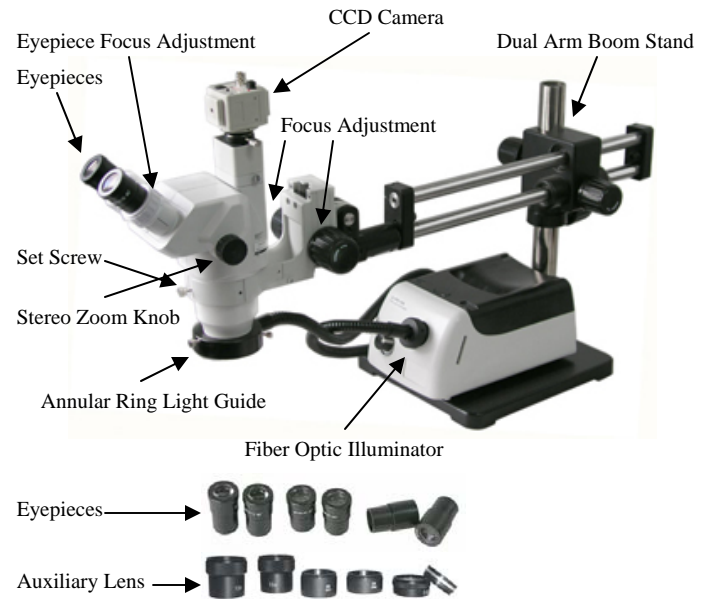


SZ Series Stereo Zoom Microscope



ASSEMBLY INSTRUCTIONS:

- 1) Assemble the stand per instructions provided in the box.
- 2) Carefully, remove the microscope head from the Styrofoam packaging. Loosen the set screw on the focus rack... insert the microscope head into the focus rack and tighten the set screw securely.
- 3) Remove the eyepiece covers on the microscope head and insert the eyepieces into the head. Put eye guards onto eyepieces if desired.
- 4) Unscrew the protective cap on the bottom of the microscope head and attach the ring light adapter or any auxiliary lens included.
- 5) Attach the right light to the adapter or auxiliary lens if applicable.



OPERATING INSTRUCTIONS:

- 1) Adjust the height of the microscope to achieve correct working distance according to your auxiliary lens (see table below for correct working distance)
- 2) Place a sample under the microscope. Adjust the distance between the eyepiece tubes in order to fit your interpupillary distance, this is complete when you see one complete circle through the eyepieces.
- 3) Zoom in to the highest magnification by turning the Stereo Zoom Knob to the highest setting (4.5). Focus on the sample by turning the focus knob until the image appears clear. Zoom out by turning the Stereo Zoom Knob and the image should stay focused. If image does not stay focused, adjust each individual eyepiece by turning the adjustment on the eyepiece tube. **If the microscope is set up correctly your image should stay in focus throughout the entire range of magnification.**

Specifications:

- Zoom range of zoom body 0.67x ~ 4.5x
- Zoom rate: 1 : 6.5 Eyepiece: 10x\ 15x\ 20x\ 25x\ 30x
- Objective Lens: 0.3x\ 0.5x\ 0.75x\ 1.5x\ 2x
- Field of view: 31mm~4.9mm
- Working distance: 100mm
- Interpupillary adjustment: 55mm~75mm
- Eyepiece Dioptic correction: $\pm 5^\circ$ Diopter
- Binocular angle of view; 45°
- Video system:
- The Trinocular Provides 0.5X or 1X CCD coupler

	Working Distance (mm)						
	Auxiliary Lens						
All Eyepieces	0.3x	0.4x	0.5x	0.75x	1x	1.5x	2.0x
	287	217	177	117	100	47	26

Howard Electronic Instruments, Inc.

974 SE Pioneer Rd.
El Dorado, KS 67042
800-394-1984 Toll Free
www.heiscope.com