

Thank you for purchasing your ScienScope System. The following warranty, terms and conditions apply:

All ScienScope instruments are warranted against manufacturer's defects in material and workmanship for five (5) years from the original purchase date with the following exceptions:

The Monitor, CCD Camera, Power Supply, S-Video Cable, Fiber Optic Illuminator and Ring Light, and Fluorescent Ring Light are all warranted for one (1) year.

The Halogen or Fluorescent Lamp Bulbs are not warranted.

Damage resulting from repair by unauthorized parties or damage due to accident, alteration, misuse, or abuse is not covered. Warranty service is provided by ScienScope, or its authorized dealer. Defective products covered by the warranty will be repaired free of charge when they are returned, postpaid, to ScienScope International, or to the authorized dealer in your area.

Please never try to fix the product yourself, doing so will void all warranties!!!!!!



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OWNER'S MANUAL

FOR

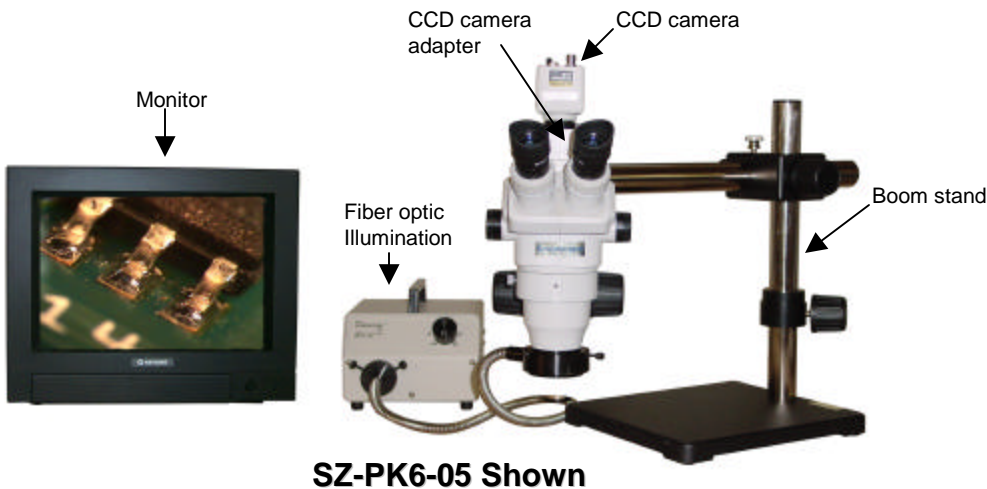
SSZ SERIES

**STEREO ZOOM TRINOCULAR
MICROSCOPE**



ASSEMBLY INSTRUCTIONS:

- 1) Assemble the stand per instructions provided in the box.
- 2) Remove the trinocular head from packaging and insert, bottom side first, into focus assembly ring. Tighten screws in order to secure microscope body.
- 3) Remove the eyepiece covers on the microscope head and insert the eyepieces included. You may place the rubber eyecups on 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 for desired working distance and magnification (see diagram on next page).
- 5) Secure the appropriate ring light to the lens attached in step 4 by tightening screws on ring light. Plug in the Fiber Optic Ring Light to the Fiber Optic Illuminator, and plug the illuminator to an outlet.
- 6) Remove cap from video port on trinocular and attach CCD adapter. Screw CCD camera onto CCD adapter, threaded face plate should be facing operator for proper orientation of image.
- 7) Plug the 12-pin connector into the "DC IN" portion of the CCD camera. The 12-pin connector splits off into two different cables, one a S-Video cable the other a power supply converter. Plug the power supply converter into an outlet and the S-Video cable into the "S-VHS IN" port located on the back of the monitor or to a PC frame grabber. Plug in the monitor to an outlet.



OPERATING INSTRUCTIONS:

- 1) Adjust the height of the microscope head to reach appropriate working distance according to lens attached in step 4, see table below for working distance.
- 2) Adjust the distance between the eyepieces in order to fit your inter-pupil distance, this is complete when the image is one complete circle. Place a sample under the microscope, turn zoom knob to its greatest setting (4.5) Focus the image by turning the focus knob on the focus assembly on the stand. Once image is in clear focus at its highest magnification you may zoom out to lower magnification while remaining in focus.
- 3) If image does go out of focus when zooming out, zoom to the lowest setting and focus each eyepiece by adjusting the dual diopter adjustment under eyepieces (one at a time).
- 4) For video viewing mode, slide the video switch bar to the "PHOTO IN" position in order to divert the image through the CCD camera and onto the monitor. Focus image on screen by adjusting the fine focus ring located at the back of the CCD adapter (do not use the focus assembly on stand, doing so will cause eyepieces to be out of focus). Adjust gain and color by adjusting knobs on the CCD camera. Please remember that while in video mode, only the left eyepiece will be functioning.

Match your auxiliary lens to your working distance

WORKING DISTANCE (mm)						
EYEPIECES	AUXILIARY LENS					
	0.3X	0.5X	0.75X	RA	1.5X	2X
ALL	287	177	117	100	47	26

