

General Maintenance/Replacement Parts:

When not in use, protect the instrument with the dust cover provided.

Use filtered air to remove dust particles, and lens cleaner on a Q-tip for lens cleaning.

S68043	12V/10W Bulb for S90013 series
S68049	Black/White stage plate for S90013 series
S68048	Frosted stage plate for S90013 series
S68040	10x Widefield Eyepiece for S90013 series

To order replacement parts, contact Fisher Education Customer Service at 800-955-1177.

Warranty Information

All Fisher Educational Microscopes are warranted to be free of all defects in material and workmanship for a period of 60 months (5 years) from the date of delivery.

Statement of Limited Product Warranty

The warranty does not apply to any instrument, which has become worn, defective, damaged or broken due to abuse, misuse, and tampering, or unauthorized repairs. Under this warranty, Westover Scientific will repair or replace, without charge to the purchaser, any part, which upon our examination, appears to be defective in materials or workmanship.

Returned Goods Policy for Repair or Replacement Parts.

Warranty repair is free when the instruments are returned to us prepaid. Domestic return shipment will be made at our expense in a manner similar to your shipment to us. All international shipping charges are to be prepaid.

To return goods for repair or replacement, please contact Westover Scientific Customer Service at 1-800-304-3202 or 1-425-398-1298. Please be prepared to supply the following information:

- . Your name, return shipping address and telephone number
- . Catalog/Model number of the item/s you are returning
- . Serial Numbers if applicable
- . Description of the product's problem or reason for return
- . Date the item was purchased.

The Customer Service Representative will issue you a Return Materials Authorization (RMA) number. Please label the outside of your shipping container with this number.

Doc. No. ZP-MC-0054
Copyright 2003



Westover Scientific, Inc. 18421 Bothell-Everett Hwy., Suite 110 Mill Creek, WA 98012 Phone: 800-304-3202 Fax: 425-398-0717

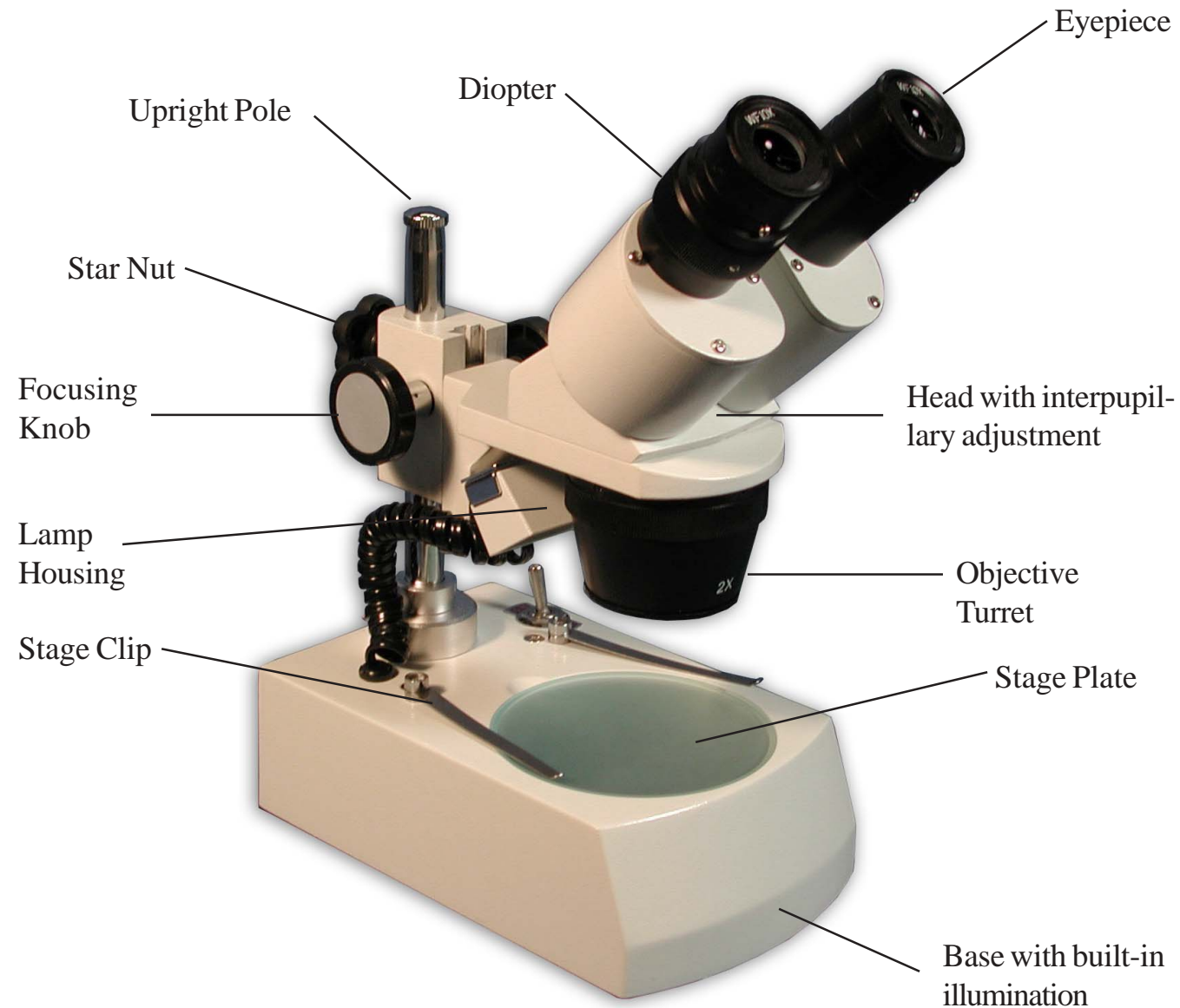
S90013 Series Student Microscopes

Users Guide



4500 Turnberry Dr., Hanover Park, IL 60133
Toll Free: 1-800-955-1177 Fax: 1-800-955-0740

S90013 Series Microscope Nomenclature



Introduction:

This stereo microscope is well designed and sturdily built. It has high quality optics and precision mechanics. The inclined head rotates 360 degrees for comfortable viewing. The S90013 series microscopes come in multiple magnification configurations. All models come assembled in the box, and ready to use.

Model#	Eyepieces	Objectives	Total Magnification
S90013	10x WF	2x	20x
S90013A	10x WF	2x, 4x	20x, 40x
S90013B	10x WF	2x, 4x	20x, 40x
S90013C	10x WF	1x, 3x	10x, 30x

Using your microscope:

Plug power cord into 120vac electrical outlet. Turn on/off switch to the On position. Both your upper and lower illuminators should be on. If one or both lamps do not turn on, see "Lamp Replacement". Place your sample on the stage plate, and look through the eyepieces. Adjust the focusing knob until your specimen is in focus. If you cannot focus on your specimen, the head is adjustable up and down for small to large samples. To adjust the head height, loosen the plastic "star" knob on the back of the upright pole, adjust the head up or down, and tighten the knob to lock in place. The microscope comes with a clear frosted stage plate, and a black and white stage plate. The frosted plate is used for transparent specimens that light can pass through. The black and white plate is for macro objects that require light from the top. Try using both sides of the plate to get the best image. Models S90013A, B, and C have 2 different magnifications. To change magnification, rotate the objective turret 180 degrees.

Lamp replacement:

Unplug the microscope from the wall outlet! Your microscope has two lamps/bulbs. The upper/incident illuminator is located behind the black objective turret. Remove the thumbscrew on the right side of the housing. The housing will slide down and expose the bulb. Remove the bulb by pulling straight down. The new bulb is installed by pushing straight up into the two metal clips. The lower/transmitted illuminator is located inside the stand, and can be easily accessed by removing the stage plate. Pull the bulb straight up and out of the base. The new bulb is installed by pushing straight down into the two metal clips. **NOTE:** Do not touch the new bulb with your bare fingers. Use a tissue or surgical glove. Oils from the skin will lessen the life of your bulb.