

# STEREO MICROSCOPE ST-330

The ST330 stereo dissecting microscope enables you to view your specimen at high resolution and two different magnifications. This model also has built-in transmitted and reflected lights so you can examine both surface characteristics as well as internal structures of the specimen. The ST-330 microscope is a precision instrument built for regular usage. However, proper care and maintenance are necessary so that your microscope will serve you for years to come.

## **Operation:**

1. Always carry the microscope by its arm and base. Never touch the eyepiece or objective lens with your fingers because the oil on your skin will soil the lens. Your work table should be large, flat and stable.
2. Place microscope directly in front of user. The ST330 microscope has a 45 degree incline binocular head for your viewing convenience. Adjust the interpupillary adjustment for comfortable viewing.
3. Using the depth adjustment knob, adjust the body appropriately at the top of the stand, approximately 1-2 inches from the top of the arm. Adjust the height of the body according to the size of your specimen. If you have a larger specimen, you will need to move the body up and vice versa.
4. Place specimen on the center of the stage. If the specimen is mounted on a slide, secure it with stage clips.
5. Switch on the illuminator
6. Looking from the side of the microscope, turn the focusing knob to lower the body until the turret mount objectives are approximately 1.5" away from the top of the specimen.
7. Look through the eyepieces and turn the focusing knob to raise the body until the specimen comes into focus. Focusing upward will prevent accidental contact between the objectives and the specimen.
8. After the specimen is in focus, you can turn the diopter adjustment until optimal focusing is achieved.
9. To change magnification, simply turn the turret mount objectives until it clicks into position.
10. Repeat 7 and 8 if necessary.

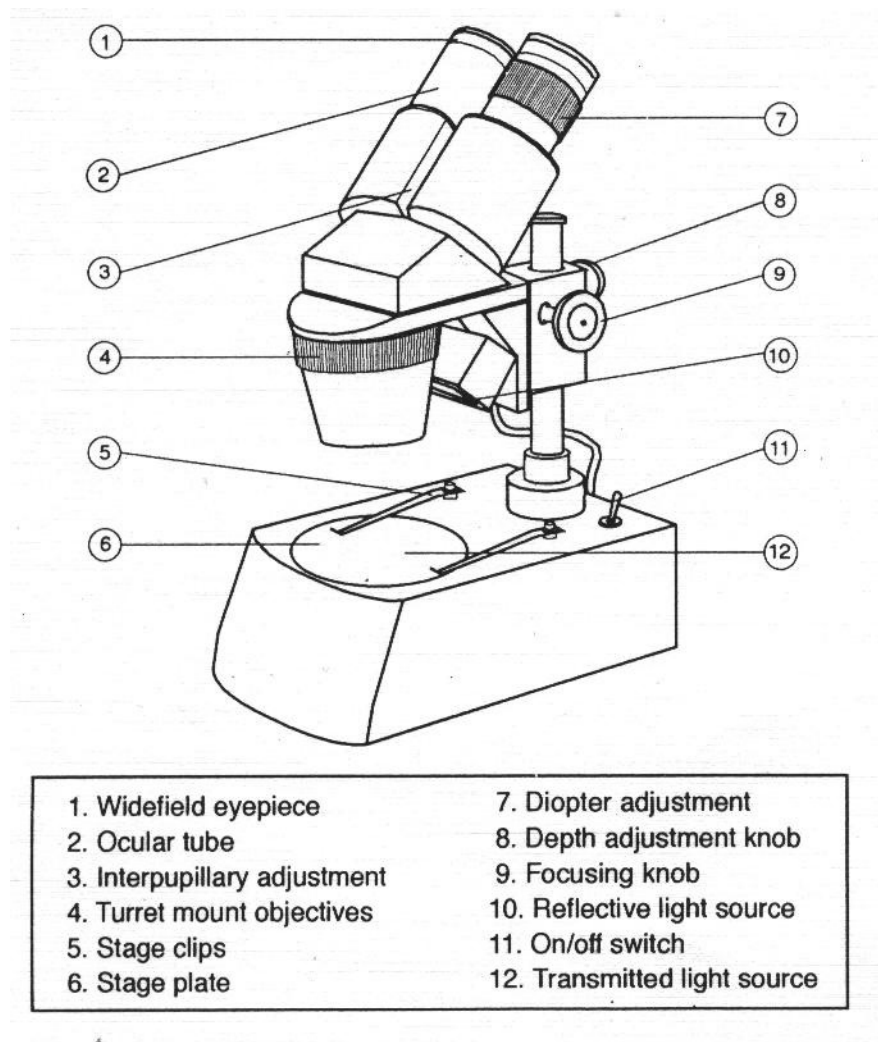
## **Maintenance:**

As the instrument is a precision optical instrument, it should be carefully used, maintained and stored.

1. Store the instrument in a clean and dry place.
2. Use dust cover to prevent dust from accumulating on the microscope.

3. Do not rotate any part of the microscope with too much force, you might damage the mechanism.
4. The finish on the microscope is chip and stain resistant. A damp cloth can be used to clean soiled surface. For stubborn stains, use cloth moistened with mild detergent solution. Do not use solution on lenses.
5. Use a blower for dust and lint on lens surface. For grease and heavily soiled lenses, gently wipe with lens tissue or cotton tipped stick dampened with a small amount of alcohol. Wipe again with clean cloth and blower.
6. Do not attempt to dismantle the microscope without first consulting with an authorized technician.

**Parts:**



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