

Microscope Cleaning & Care

CLEANING – the front lens of the objectives (particularly the 40XRD and 100XRD) should be cleaned after use. First, brush with a soft, camel hairbrush or blow off with air pressure from a rubber syringe to remove dust particles. Then, wipe gently with a soft lens tissue moistened with lens cleaning solution or distilled water, and dry immediately with a clean lens paper.

CAUTION - Objectives should never be disassembled by the user. If repairs or internal cleaning should be necessary, this should only be done by qualified, authorized Swift microscope repair technician.

The eyepiece(s) may be cleaned in the same manner as the objectives, except in most cases, lens cleaning solution will not be required. In most instances breathing on the eyepiece to moisten the lens and wiping dry with a clean lens tissue is sufficient to clean the surface. Lenses should never be wiped while dry as this will surely scratch or otherwise mar the surface of the glass.

The finish of the microscope is hard epoxy and is resistant to acids and reagents. Clean this surface with a damp cloth and mild detergent.

Periodically, the microscope should be disassembled, cleaned and lubricated. **This should be done only by a qualified, authorized Swift microscope repair technician.**

DUST COVER AND STORAGE – All microscopes should be protected from dust by a dust cover when not in use or in storage. A dust cover is the most cost-effective microscope insurance you can buy. Ensure that the storage space is tall enough to allow the microscope to be placed into the cabinet or onto a shelf without making undue contact with the eyepieces. Never store microscopes in cabinets containing chemicals, which may corrode your microscope. Also, be sure that the objectives are placed in the lowest possible position and the rotating head is turned inward and not protruding from the base. Microscopes with mechanical stages should be adjusted toward the center of the stage to prevent the moveable arms of the mechanical stage from being damaged during storage in the cabinet.