

Congratulations on your purchase of a new Zeiss microscope from Quality Microscopes. Following are some helpful hints that are not always covered in the literature.

Warranty

All Zeiss microscopes come with an 6-year warranty on manufacturing defects.

Serial Number

The serial number for your microscope is on the receipt and can be found on a silver sticker on the back of the body of your microscope. You will want to record this for insurance purposes and for company asset records.

Light Source

Microscopes made after 2015 generally use LED lighting. These lights are estimated to have a life of about 80,000 hours, therefore there may be some slight dimming over time, but if your light does not come on it is likely a power or switch issue.

Zeiss Allen Screws

Zeiss microscopes use a standard allen screw to attach or adjust most of its components. The Allen wrench used for this is stored in the back of the microscope stand. It's a good idea to leave it there as soon as you're done with it.

Microscope Care

Routine cleaning- the only lenses that you have to worry about are the eyepieces and the bottom of the objective. New Quality Microscopes come with an acid cover (UV filter) that screws onto your objective and can be removed for cleaning. When cleaning either your eyepieces or the acid cover, blow off the dust or grit first with a hand blower. (Available at any good camera shop) Compressed air canisters will spray a light mist of liquid that can coat your lenses. To wipe the lenses, use a soft lens cloth or lenses tissue available at either a camera or optical store. When using lens cleaner, drip it sparingly on your cloth, never drip it directly onto the lens, it will leave a residue.

NEVER CARRY ACID IN A MICROSCOPE CASE (GEOLOGISTS)

Even 10% HCl in a closed bottle will release some vapors, which will corrode the fine metal parts and cloud the lenses of a microscope. A broken or spilled acid bottle in a microscope case is a disaster. The foam inside a microscope case will also retain acid fumes for years if a bottle is ever put inside. If you use acid near your microscope always keep the lid on the bottle or cover the Pyrex bubble trays if they have acid in them. (I put a piece of cardboard over the Pyrex tray and it absorbs the acid fumes)

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