

Care of the device

Cleaning

Cleaning optical surfaces

The multi-layer T* coating of the optical components (e.g. eyepieces, objective lenses) ensures optimum image quality.

Image quality is impaired by even slight contamination of the optics or by a fingerprint. To protect the internal optics from dust, the system should never be left without the objective lens, binocular tube and eyepieces. After use, cover the system to protect it from dust. Always store objective lenses, eyepieces and accessories in dust-free cases when they are not being used.

Clean the exterior surfaces of the optical components (eyepieces, objective lenses) only when necessary:

- Do not use any chemical cleaning agents.
- Remove dust from the optical surfaces using a squeeze blower or a clean, grease-free brush.

For the regular cleaning of objective lenses and eyepieces of the surgical microscope, we recommend the optics cleaning set available from ZEISS. For the catalog number, please see the section "System data - Ordering data".

Prevention of fogging

To protect the eyepiece optics from fogging, we recommend using an anti-fogging agent. Anti-fogging agents provided by eyecare professionals for use with eyeglass lenses are also suitable for Zeiss eyepieces.



- Please observe the Instructions for Use supplied with each anti-fogging agent.

Anti-fogging agents do not only ensure fog-free eyepiece optics. They also clean the eyepiece optics and protect them from dirt, grease, dust, fluff and fingerprints.

Cleaning mechanical surfaces

All mechanical surfaces of the system can be cleaned by wiping them with a damp cloth. Do not use any aggressive or abrasive cleaning agents.

Clean off any residue using a mixture of 50% ethyl alcohol and 50% distilled water plus a dash of household dish-washing liquid.

Sterilization

**CAUTION**

Risk of infection caused by contaminated asepsis accessories and drapes!

- Only use sterile asepsis accessories and drapes suitable for the system!
 - The products contained in the asepsis sets must be cleaned, disinfected and sterilized before each use. This also applies to the first use after delivery.
 - Make sure that the operating staff is briefed about the sterile operation of the system.
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The asepsis sets available from ZEISS contain rubber caps and hand grips which can be sterilized in autoclaves. For detailed information on sterilization please see the enclosed instructions "Preparation of resterilizable products" for the respective asepsis set.

Sterile single-use drapes are available to cover the system.



- When draping the system, make sure there is enough slack in the drapes to allow for movement of the microscope carrier and surgical microscope.

Disinfection

If the system surfaces need to be disinfected, please note the following:

NOTE

Risk of damaging the paint on the device!

- Use a disinfectant based on aldehyde or alcohol. The addition of quaternary compounds is acceptable.
To avoid damaging the surfaces, do not use any disinfecting components other than those specified below.
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The maximum concentrations are:

- For alcohol (tested with 2 propanol): 60%
- For aldehyde (tested with glutaraldehyde): 2%
- For quaternary compounds (tested with DDAC): 0.2%