

Care of the device

Cleaning

Cleaning the optical surfaces

Even slight contamination or a single fingerprint reduces image quality. To protect the device's internal optics against dust, the device should never be left unused without the objective lens, binocular tube and eyepieces attached. After use, cover the device to protect it from dust. Always store additional objective lenses, eyepieces and accessories in dust-free cases when they are not being used.

Clean the outer surfaces of optical components (eyepieces, objective lenses) only as required:

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

For regular cleaning of the surgical microscope's objective lenses and eyepieces, we recommend using the optics cleaning kit available from ZEISS. For the catalog number, please see the section "Device data".

Fogging of optical surfaces

To keep the objective lenses 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 objective lenses.



- Observe the Instructions for Use pertaining to the anti-fogging agent concerned.

An anti-fogging agent does not ensure fog-free eyepiece optics. It cleans eyepiece optics and protects them against dirt, grease, dust, lint and fingerprints.

Cleaning the mechanical surfaces

All of the system's mechanical surfaces can be wiped clean with a damp cloth. Do not use any aggressive or abrasive cleaning agents.

Remove 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 from contaminated asepsis accessories!

- Use only sterile asepsis accessories suitable for the system.
- You must clean, disinfect and sterilize asepsis accessories before each use. This also applies to the first use after delivery.
- Make sure that the operating personnel have been instructed in the sterile operation of the device.
- Before each use of the surgical microscope, check to ensure that the asepsis caps are firmly attached to the surgical microscope.

Asepsis Sets

The included ZEISS Asepsis Sets contain Asepsis Caps and resterilizable handles which can be sterilized in an autoclave. For more detailed information about sterilization, please refer to the enclosed "Preparation of resterilizable products" manual for each Asepsis Set.

Drapes (sterile covers)

Disposable drapes can also be used to provide the device with a sterile cover. We recommend using the following types of drapes:

- OPMI Drape, sterile (306070)
- OPMI Drape, sterile (306071)
- Drapes (306084)



- Loosely attach the sterile drapes so that there is sufficient space for the microscope supporting stand and the surgical microscope to move.

- Do not cover the ventilation slots in order to ensure that the lamps are able to cool sufficiently and to avoid any loss in lamp functionality.
- Loosely fasten the drape using the adhesive strips.

Disinfection

NOTE**This could damage 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.

The maximum application concentrations are:

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