

HRT3 / HRT3 RCM Cleaning and Disinfection Quick Guide

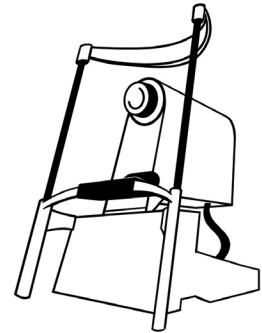
Heidelberg Engineering recommends to clean the device after each use and disinfect the device before and after each examination.

Where can I find instructions on how to clean/disinfect my HRT3 / HRT3 RCM?

The HRT3 / HRT3 RCM Hardware Manual fully addresses the cleaning and disinfection of both optical and non-optical surfaces. Both Hardware Manuals can be downloaded from our website:

<https://business-lounge.heidelbergengineering.com/redirect/service-support/user-manuals/>

You will be forwarded to the Business Lounge login page. Please log in with your Business Lounge user account to access the User Manuals page.



How should I clean/disinfect the optical surfaces of my HRT3 / HRT3 RCM?

Important Note:

- Always use special cleaning products for optics or pure alcohol, such as ethanol or isopropanol, with a minimum alcohol level of 99%.
- Never use cleaning products that contain methanol.
- Never use cleaning tissues or disinfectant wipes to clean the lens.
- Always use a microfiber cloth for cleaning.
- Never apply pressure while wiping.
- A scratched lens might lead to artifacts in images.
- When the device is not in use, protect the objective with the objective cover, and protect the device with the dust cover.



Cleaning:

- Remove the objective lens from the HRT3 / HRT3 RCM.
- Remove particles of dust and/or dirt with an air bulb.
- Clean the objective lens with gently circling movements using a dry microfiber cloth.

Disinfection:

- To disinfect the optical surfaces, use isopropyl alcohol with an alcohol level of 70% or ethanol with an alcohol level of 80%.
- To ensure decontamination, follow appropriate infection control guidelines regarding surface disinfectant contact times.
- At the end of contact time, check whether remnants of the disinfectant are visible on the optical surface.
- If there are remnants of the disinfectant, clean the optical surface by
 - using a clean, dry microfiber cloth to clean the objective lens with gentle circular movements.
 - trying to add a few drops of pure alcohol, such as ethanol, or isopropanol.



How should I clean/disinfect the non-optical surfaces of my HRT3 / HRT3 RCM?

Important Note:

- Clean and disinfect the non-optical surfaces of the device with a moist, not wet, cloth.
- Do not use products containing acetone or hydrogen peroxide.
- When the device is not in use, protect the objective with the objective cover, and protect the device with the dust cover.

Cleaning:

For cleaning, any standard cleaning product appropriate for plastic and metal surfaces which does not contain acetone or hydrogen peroxide may be used.

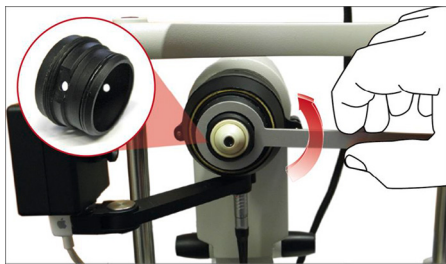


Disinfection:

In the USA, Heidelberg Engineering recommends Metrex CaviWipes® or other EPA registered disinfectants with comparable active substances. Outside the USA, Heidelberg Engineering recommends Descosept AF wipes, mikrozid® AF wipes, or comparable wipes with antibacterial, antiviral, and antifungal effects. Follow the instructions of the disinfectant wipes manufacturer. Do not use products containing acetone or hydrogen peroxide.

Cleaning the microscope lens of the HRT3 RCM:

The microscope lens of the RCM is a water-immersion objective. It only needs to be cleaned with distilled water as it has only contact with water-soluble eye gel and never touches the patient's eye.



Heidelberg Engineering recommends cleaning the microscope lens of the RCM after each use:

- Remove the TomoCap after each examination and dispose it.
- Clean the microscope lens of the RCM with a cotton swab moistened with distilled water.

TomoCaps for use on HRT3 RCM:

HRT3 RCM uses sterile, single-use TomoCaps for rotation-free contact between the patient's cornea and the microscope lens. The TomoCaps are delivered in a sealed package. For the use of TomoCaps, we recommend the following:

- Do not use TomoCaps with damaged packaging because the TomoCap is no longer sterile and may carry the risk of infections.
- Do not re-use TomoCaps to avoid the risk of infection of the cornea. Put a new TomoCap on the microscope lens when examining the patient's eyes, using one TomoCap for each examined eye. Remove the TomoCap after each examination and dispose it.
- Do not touch the anterior surface of the TomoCap that has contact with the patient's eyes. Use sterile gloves while putting the TomoCap on the lens.
- Do not dispose the TomoCaps with regular household garbage. Dispose them with the infectious waste of your clinic or practice, ensuring local regulations for infectious waste.

You can find more information in the package insert of the TomoCaps.