

# Hygienic reprocessing




## HEINE GAMMA Stethoscope 3.1, 3.2 and 3.3

### General warning and safety information



**WARNING!** This symbol indicates potential hazardous situations. Ignoring the corresponding instructions may lead to dangerous situations of mild to moderate extent.

**NOTE!** This symbol indicates valuable advice. Notes are important, but not related to hazardous situations.

	<p>Instructions on hygienic reprocessing must be adhered to, based on national standards, laws and guidelines. The described reprocessing measures do not replace the specific rules applicable for your institution/ department.</p>
	<p>In the event of suspected contamination, carry out hygienic reprocessing of the instrument.</p> <p>HEINE Optotechnik GmbH &amp; Co. KG only approves the agents and procedures listed in this instruction.</p> <p>Hygienic reprocessing is to be carried out by persons with adequate hygienic expertise.</p> <p>Please consider the instructions of the manufacturer for the applied reprocessing media.</p> <p>If a reprocessing procedure other than that described in these instructions is used, an approved and validated reprocessing procedure must be carried out. This must be validated by the user e.g. hospital or the manufacturers of the reprocessing equipment.</p> <p>Sterilization or automated reprocessing must not be carried out.</p> <p>Do not immerse in cleaning fluid and protect from contamination to prevent cleaning fluids or solids from entering the stethoscope tubing system.</p>
	<p>Before using it again, ensure that the device is completely dry after reprocessing.</p>
<p>Limitations on reprocessing</p>	<p>Periodically check the integrity of the device.</p>

## Wipe disinfection

### 1. Manual cleaning and disinfection



Pay attention that all contaminated surfaces are completely moistened for the complete exposure time specified by the disinfectant manufacturer. If necessary, increase the number of wiping procedures and/or the number of wipes.

Before reprocessing, close the open bell side to prevent liquids from entering: Hold the connecting tube in one hand and the chest piece in the other, now turn it 180° until there is a noticeable click.

#### *Equipment*

- Cleaning agent, if necessary: enzymatic (e. g. neodisher MediClean)
- Disinfectant wipes:  
quartäre Ammoniumverbindungen (z. B. Cleanisept Wipes , Mikrobac Tissues oder Sani-Cloth AF3)

#### *Implementation*

- For heavier soiling, you can first clean with a wipe soaked with cleaning agent before disinfecting with a disinfectant wipe.
- Clean and disinfect the device manually.
- Pay particular attention to difficult to access areas.
- Thoroughly wipe the touched areas.
- Use a new disinfectant wipe after disinfecting the chest piece.
- You should regularly carry out a thorough reprocessing. To do this, remove the cold protection ring and the funnel protection ring before reprocessing and reprocess them and the stethoscope separately by wipe disinfection:
  - Wipe the inner and outer surfaces of the cold protection ring and the funnel protection ring using circular movements at least three times.
  - Use a new disinfectant wipe.
  - Wipe the membrane of the chest piece at least three times using circular movements.
  - Use a new disinfectant wipe.
  - Wipe the funnel side of the chest piece at least three times using vertical, horizontal and circular movements. Pay particular attention to difficult to access areas and the opening in the funnel.
  - Use a new disinfectant wipe.
  - Wipe the stethoscope tube at least three times using horizontal and vertical movements. Pay particular attention to the area where the stethoscope tube bifurcates.
  - Then wipe the ear tube three times using horizontal and vertical movements. Pay particular attention to the transition area to the stethoscope tube.
  - Wipe the ear piece three times using circular movements. Pay particular attention to the opening of the ear piece.
  - Wipe the transition area from the ear piece to the ear tube thoroughly.
- For removing the disinfectant and drying afterwards, follow the instructions provided by the disinfectant manufacturer.
- Before reassembling, ensure that all components are completely dry.

### 2. Inspection and function testing



- Check the device for any visible contaminants. Reprocess again if necessary.
- Do not use the device if there are visible signs of damage.

### 3. Storage

- Store it in such a way that it is protected from recontamination, dust and moisture.