

# Hygienic reprocessing

## HEINE X CS1 Single and X CS1 Dual




### 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>Avoid liquid entry into the device.</p> <p>Before reprocessing, disconnect the device from the power source.</p> <p>Danger of fatal electric shock! Use power supply in dry environment only. Avoid splashing water. Do not immerse in liquids.</p> <p>Risk of lethal electric shock if fluid leaks into the power supply!</p> <ul style="list-style-type: none"> <li>• Disconnect power supply before cleaning.</li> <li>• Do not use fluids for cleaning.</li> <li>• Wipe with a dry cloth only.</li> </ul>
	<p>Place only reprocessed devices into the charger. 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. Preparation

Switch off the device and let it cool down.

### 2. 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.
- Make sure that no moisture enters the USB port.

#### *Equipment*

- Cleaning agent, if necessary: enzymatic (e. g. neodisher MediClean)
- Disinfectant:  
alcoholic + quarternary ammonium compounds (e. g. Super Sani-Cloth)
- If you use other than the recommended reprocessing agents, make sure that they do not foam.

#### *Implementation*

- Wipe the charging compartment from the inside, the cable and the power supply only when necessary and only with a dry cloth.
- The outer surfaces of the charging compartment and the bottom plate from above can be reprocessed as follows:
  - For heavier soiling, you can first clean with a wipe soaked with cleaning agent before disinfecting with a disinfectant wipe.
  - Clean and disinfect the contaminated surfaces manually by wiping.
  - Pay particular attention to difficult to access areas.
  - Thoroughly wipe the touched areas.
  - Remove the residues with a wipe soaked in clean water and dry the device. Additionally, follow the instructions of the manufacturer of the reprocessing agent.

### 3. Inspection and function testing



- Check the device for any visible contaminants or abrasions. Reprocess again if necessary. Dispose if the contaminants cannot be removed.
- Perform functional testing after reprocessing.
- Do not use the device if there are visible signs of damage.

### 4. Storage

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