

# HEINE Fiber Optic Laryngoscope System

## Hygienic Reprocessing



Disassemble blade from handle

Point of use processing

Choose your preferred reprocessing method

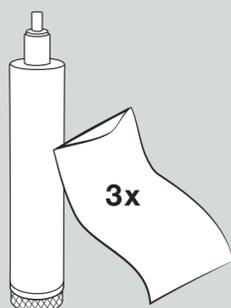
Reprocess as soon as possible following use, e.g. with a wet cleaning tissue. Prevent drying.

Follow directions for your preferred process, described below.

### Separate reprocessing of the handle shell and the laryngoscope insert

#### ✓ Disassemble the handle shell from the the laryngoscope insert

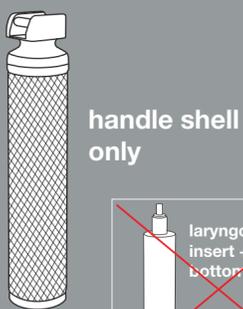
#### 1 Wipe disinfection of the laryngoscope insert + bottom insert



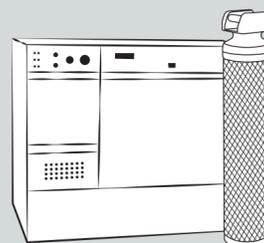
- > Intermediate level disinfection wipes: alcoholic and quarternary ammonium compounds (e.g. Super Sani-Cloth® by PDI®) having an EPA-registered claim for activity against *Mycobacterium tuberculosis* and Hepatitis B.
- > Start from the top and wipe down 3 times while turning the laryngoscope insert. This procedure is to be repeated 3 times, each with a new disinfectant wipe.
- > For removing the disinfectant and drying afterwards, consider the required steps as specified by the disinfectant manufacturer.

#### 2 For the handle shell, choose your preferred reprocessing method

##### 2.1. Automated cleaning-disinfection



- > If it is required by your institution or country, you can perform manual cleaning of the handle shell before automated cleaning and disinfection.

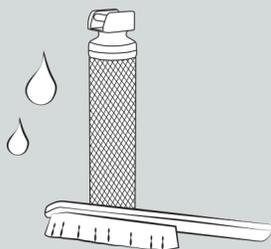


- > Cleaning agent: enzymatic or neutral to mildly alkaline
- > Implementation: A program with disinfection lasting at least 5 min. at 93 °C

Manual cleaning

Automated cleaning and disinfection

##### 2.2. Immersion disinfection (High-level)



- > Cleaning agent: enzymatic or neutral to mildly alkaline
- > Soak the handle shell submerged in the cleaning solution
- > Clean all surfaces of the handle shell by brushing (submerged in the cleaning solution)



- > Disinfectant: Quarternary ammonium compounds or ortho-phthalaldehyde (e.g. Cidex OPA)
- > Disinfect the handle shell by immersion

Manual cleaning

Immersion disinfection

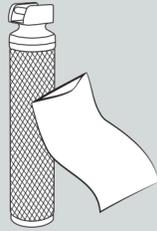
# HEINE Fiber Optic Laryngoscope System

## Hygienic Reprocessing



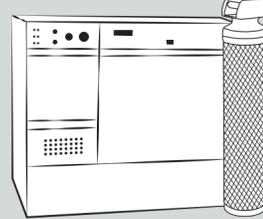
### 2 For the handle shell, choose your preferred reprocessing method

#### 2.3. Automated cleaning-disinfection and steam sterilisation



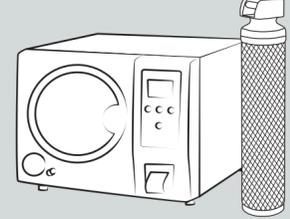
##### Manual cleaning

- > If it is required by your institution or country, you can perform manual cleaning of the handle shell before automated cleaning and disinfection.



##### Automated cleaning and disinfection

- > Cleaning agent: enzymatic or neutral to mildly alkaline
- > Implementation: A program with disinfection lasting at least 5 min. at 93 °C



##### Steam sterilisation

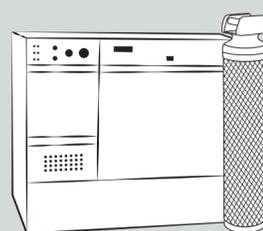
- > Fractionated vacuum or Gravitation procedure.
- > Temperature: at least 132 °C (max. 134 °C).
- > Exposure time/holding time: at least 3 min.
- > Drying time: at least 20 min.

#### 2.4. Automated cleaning-disinfection and low temperature sterilisation



##### Manual cleaning

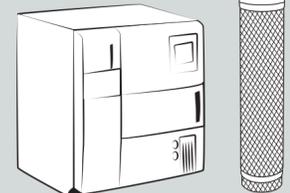
- > If it is required by your institution or country, you can perform manual cleaning of the handle shell before automated cleaning and disinfection.



##### Automated cleaning and disinfection

- > Cleaning agent: enzymatic or neutral to mildly alkaline
- > Implementation: A program with disinfection lasting at least 5 min. at 93 °C

Reassembly of the laryngoscope insert and the bottom insert



##### STERRAD®/VHP® (Steris)

- > STERRAD® NX®, 100NX® or 100S® steriliser (Standard, Advanced cycle)
- > V-PRO® 60, V-PRO® maX steriliser, VAPROX® HC Sterilant
- > V-PRO® 60 or V-PRO® maX steriliser's Lumen Cycle

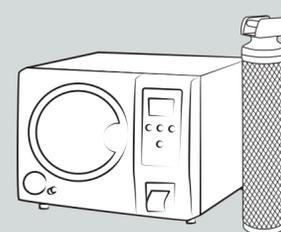
#### 2.5. Manual cleaning and steam sterilisation \*

\*according to FDA regulation



- > Cleaning agent: enzymatic or neutral to mildly alkaline
- > Soak the handle shell submerged in the cleaning solution
- > Clean all surfaces of the handle shell by brushing (submerged in the cleaning solution)

##### Manual cleaning



##### Steam sterilisation

- > Fractionated vacuum or Gravitation procedure.
- > Temperature: at least 132 °C (max. 134 °C).
- > Exposure time/holding time: at least 3 min.
- > Drying time: at least 20 min.

#### 2.6. Manual cleaning and low temperature sterilisation \*

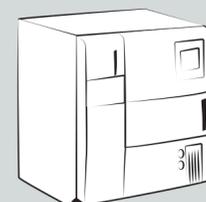
\*according to FDA regulation



- > Cleaning agent: enzymatic or neutral to mildly alkaline
- > Soak the handle shell submerged in the cleaning solution
- > Clean all surfaces of the handle shell by brushing (submerged in the cleaning solution)

##### Manual cleaning

Reassembly of the laryngoscope insert and the bottom insert



##### STERRAD®/VHP® (Steris)

- > STERRAD® NX®, 100NX® or 100S® steriliser (Standard, Advanced cycle)
- > V-PRO® 60, V-PRO® maX steriliser, VAPROX® HC Sterilant
- > V-PRO® 60 or V-PRO® maX steriliser's Lumen Cycle

Please consider in all applied processes or used agents the IFU of the according manufacturer.

HEINE Optotechnik GmbH & Co. KG, Dornierstr. 6, 82205 Gilching, www.heine.com

MED 176791 EN\_US 07/21