

Reprocessing* of Flexible Endoscopes



- Pre-clean immediately after the examination
- Wipe off major debris from the insertion tube of the fiberscope using a single-use cloth moistened with active cleaning solution



- For fiberscopes with suction, submerge the distal end in a container with active cleaning solution** and actuate the suction mechanism to clean the working channel



- Closed transport to the separate reprocessing room



- Connect the leakage tester, and increase pressure until the indicator is within the blue range of the manometer (approx. 160 mmHg)
- The pressure must stay constant for 30 seconds – actuate the fiberscope's deflection mechanism in all directions during the test
- Press the red button at the pressure bulb and release the pressure

CAUTION!

Do not continue reprocessing if the needle of the leakage tester drops (indicates perforation/leak). Wipe down the outer sheath to disinfect. In case of other visible damage without leakage, additionally rinse channels. Use protective liner to pack the fiberscope in the case according to instructions, complete the repair form, and send to the Service Department at the address below, including the note "Leaking, not disinfected".



CAUTION!

Connect the green adaptor 11301 CD to the suction/irrigation connection during all processing steps.

- Remove all valves and immerse them in the active cleaning solution
- Connect the rinsing tube to the adaptor 11301 CD, and rinse the channel
- Completely submerge the fiberscope in the cleaning solution, avoiding air bubbles – clean channels using a soft, disinfected brush or single-use brush
- Perform all cleaning steps under the surface of the liquid
- Clean the outer sheath of the fiberscope using a lint-free, single-use cloth



- For manual (pre-)cleaning, use a suitable flexible cleaning brush or single-use cleaning brush to clean the instrument channel while keeping it submerged in the liquid

Note:

Clean reusable cleaning brushes in the ultrasonic bath after each use, and then disinfect or sterilize them.



- To neutralize any cleaning agent residue, thoroughly rinse the fiberscope and accessories (valves, cleaning brushes) as well as the internal channel system using water (at least drinking water quality)



- Check instrument function: Check instrument control and optical clarity
- For storage, suspend fiberscopes in a dust-free and dry location



- Then dry the instrument using a lint-free, sterile cloth
- Dry all fiberscope channels using medical-grade compressed air (pressure limit 0.5 bar)



- Before assembly, check all parts and surfaces for damage or inadequate reprocessing



- Carefully perform final drying of eyepiece, lens, fiberglass surface, and optical end faces using a cotton swab saturated with 70% isopropyl alcohol

CAUTION!

Alcohol may damage the fiberscope's surface – it must contact only the lens and fiberglass.



- Insert the fiberscope into the basket of the endoscope washer-disinfector (WD) following manufacturer's instructions
- Connect the endoscope to the respective system using device-specific adaptors and rinsing adaptors
- For fiberscopes with working channel and without suction valve, connect the WD to the working channel
- Place the fiberscope into the WD's holder/fixture and connect rinsing tubes to the channels using adaptors

- Flush instrument channel using a syringe filled with disinfectant solution**
- Flush at least 3 times
- After the proper contact time, thoroughly rinse the fiberscope including all channels using sterile / microbiologically pure water

- Completely submerge cleaned fiberscopes and accessories in disinfectant solution
- Ensure complete wetting
- Using device-specific adaptors and rinsing adaptors, fill all channels with disinfection solution – Avoid remaining air in the channel system so that there are no air bubbles

GENERAL NOTE:

This one page overview does not replace the detailed instruction for proper cleaning and disinfection of a flexible endoscope as given in the IFU.

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* Generated in accordance with RKI guidelines

** Please follow the chemical manufacturers' instructions regarding concentration and contact time. A current list of approved chemicals is available to download under Hygienics at www.karlstorz.com.