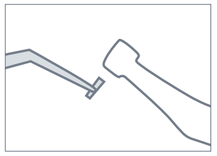
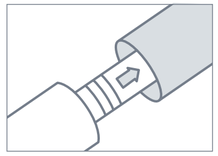
Steps for the reprocessing of KaVo instruments.

1. Preparatory steps.

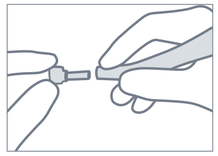
To minimize the risk of infection, always wear protective gloves.



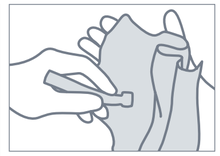
Remove the bur from the chuck mechanism.



Remove the instrument from the motor coupling or the turbine from the MULTIflex quick coupler.



For instruments with interchangeable heads, remove the heads from the base for separate reprocessing.



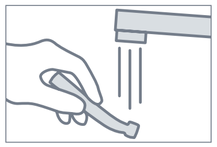
Wipe the outside of instruments immediately after the end of the treatment with an approved disinfectant.

KaVo recommends the following disinfectants based on the compatibility of the materials:

- CaviCide / CaviWipes (Metrex)
- Follow the instructions for use of the disinfectant

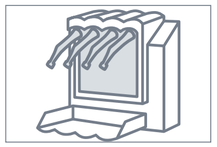
2. Reprocessing Steps.

1 Pre-Cleaning



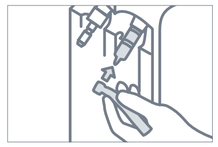
Brush off any residual debris, cement, composite and/or blood under running tap water.

2 Cleaning and Lubrication*



Automated cleaning and lubrication using KaVo QUATTROcare Plus 2124 A:

- Reprocess the medical product after every application, i.e. after every cleaning, disinfection and prior to every sterilization
- Reprocess the head and base separately for instruments with changeable heads
- Position the instruments on the appropriate adapter in the QUATTROcare Plus. Check the handpiece fitting prior to initiating the cleaning and lubrication cycle.
- Add an absorbant cloth (i.e. paper towel) to the collection tray.
- Close the door and push the start button to start the automated cleaning and lubrication cycle.



Mechanical chuck servicing
KaVo recommends cleaning and servicing the chuck mechanism once every week.

- Position the chuck adapter on the MULTIflex coupling of the QUATTROcare PLUS
- Position the tip of the spray nipple in the opening of the chuck
- Press chuck servicing button

Manual cleaning and lubrication using KaVo Spray 2112 A

- Reprocess the medical product after every application, i.e. after every cleaning, disinfection and prior to every sterilization
- Attach the appropriate servicing adapter to the KaVo Spray bottle
- Cover the medical device with an absorbant pad (i.e. paper towel) and a bag
- Position the medical device on the corresponding servicing adapter
- Press the spray button for 1-2 seconds

Separate head care:

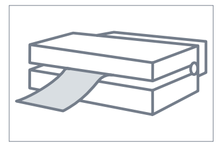
- For optimum care, remove the heads from the reducing shank and treat for 1-2 seconds with a corresponding servicing adapter.

Manual chuck servicing
KaVo recommends cleaning and servicing the chuck mechanism system once every week.

- Position the tip of the spray nipple in the opening of the chuck
- Press the spray button for 1-2 seconds

Microbiological cleaning and disinfection (optional):
Please use a thermo disinfector according to the manufacturer's instructions for use.

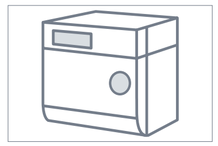
3 Packaging



Oil residues must be removed from the instruments prior to packaging

- Before sterilization of critical and semicritical instruments, inspect instruments for cleanliness, then wrap or place them in containers designed to maintain sterility during storage (e.g. cassettes and organizing trays)
- The sterilization bag must be large enough for the instrument so that the packaging is not stretched.
- Seal the medical device separately in a sterile pack
- Check the sealed seam of the packaging

4 Sterilization



KaVo products bearing the sterilization symbol can be sterilized in steam sterilizers (autoclaves) according to EN 13060/ISO 17665-1 and have a maximum temperature stability of up to 138°C.

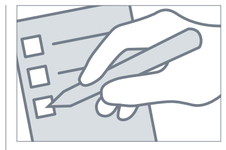
Sterilization parameters:

1) Autoclave with three times initial vacuum:
   At least 3 minutes at 135°C (275°F),
   Drying time: 16 min.
2) Autoclave using the gravitation method:
   At least 10 minutes at 135°C (275°F),
   Drying time: 30 min.**
3) Autoclave using the gravitation method:
   At least 60 minutes at 121°C (250°F),
   Drying time: 15 min.**

(Observe the application area of the steam sterilizer and the KaVo instructions for use)

- Remove contra-angle handpieces and turbines immediately after the completion of the sterilization cycle from the steam sterilizer
- Reprocessed medical devices must be stored in a dry, dark, cool room, protected from germs and dust, as far as possible

5 Documentation***



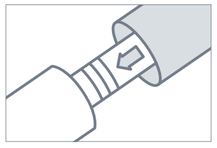
The process is released in written from on the following basis:

- The correctness of the process sequence must be tested

Sterilization:

- The packaging must be subjected to a visual inspection
- It must be ensured that the sterile goods are correctly marked
- Process indicators must exhibit a complete color change where applicable
- The correct batch documentation is a prerequisite for the release
- The release of the sterile goods must be documented

3. Steps for putting instruments back into clinical use.



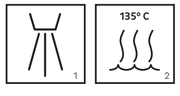
Prior to providing treatment, attach instruments and turbines onto the motor or MULTIflex coupling. Activate handpiece and let it run for a few seconds. Wipe off any escaping, residual lubrication oil.
(Escaping, residual lubrication oil is common and does not damage dental instruments)

* Purging of old lubricant for the maintainance of rotating dental and surgical instruments. It services the straight and contra-angle handpiece and turbines to be reprocessed and cleans the inner parts from mechanical abrasion.

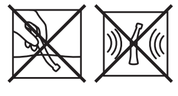
** Not validated for all KaVo instruments. Please check respective IFU

*** The requirements for documentation can vary dependending on your location. Please refer to local/state regulations

Note:
The current regulations on validating the devices and processes locally must be complied with and be instigated and validated by the owner. Please also comply with the detailed information in the instructions for use of the medical devices.



Only KaVo medical devices marked with the thermal disinfection (1) or sterilization symbol (2) may be processed in the washer disinfector or sterilized in the steam sterilizer.



Do not submerge KaVo instruments and turbines in disinfectant solutions or clean them in ultrasonic devices.

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