



# KaVo Handpiece Maintenance Guide

For the reprocessing of KaVo air driven highsPEEDS, Electric highsPEEDS, lowsPEED contra angles, and SONICflex™ scalers using KaVo products and methods.

## Basic Preparations



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



Always remove the bur from the chuck system first.



Remove the handpiece from either the MULTiflex™ coupler or the motor – pull straight off – do not twist or bend. some fixed back Handpiece require screwing off from the treatment unit tubing.



Manually clean the exterior of debris using a soft bristle brush under running tap water.



Do not submerge a Handpiece in water; do not place KaVo Handpiece in disinfectant solutions; do not clean Handpiece in ultrasonic devices.



Remove the heads from the attachment (if applicable) for separate care. Surgical instruments may be partially disassembled for cleaning and care (See instructions for use).

## Internal Cleaning, Lubrication and Purge

### Manual Procedure using KaVo Spray

KaVo recommends servicing the handpiece as part of the reprocessing after each use (i.e. after use in operatory and before sterilization). Always remove the bur prior to reprocessing.

#### NORMAL CLEANING AND LUBRICATION:

1. Place the appropriate nozzle on the KaVo spray can
2. Place the handpiece on the spray nozzle
3. Wrap the head of the handpiece in a soft cloth (either cloth or paper towel) or use KaVo's Cleanpac to contain excess lubricant.
4. Press the spray nozzle for 2 seconds or until lubricant is visibly expelled from the head of the handpiece
5. Place the Handpiece on an air source and purge the Handpiece for 30 seconds.
6. Wipe any excess oil off the outside of the handpiece
7. The Handpiece is now ready for sterilization

#### CHUCK CARE

KaVo recommends caring for the Handpiece chuck once per week

1. Place the Quick Nozzle on the KaVo Spray can
2. Ensure the small tip/nozzle is used
3. Place the opening for the bur on the small nozzle
4. Press the spray button for one second
5. Purge the Handpiece for 10 seconds

OR

### Automated Maintenance using QUATTROcare™


KaVo recommends servicing the handpiece as part of the reprocessing after each use (i.e. after use in operatory and before sterilization). Always remove the bur prior to reprocessing.

Always follow the QUATTROcare Plus Instructions for use

1. Position the instruments on the appropriate nozzle
2. Close the door
3. Press start, everything is done when the beep sounds
4. Remove the handpiece from the QUATTROcare Plus and wipe away any residual oil from the outside of the Handpiece
5. The Handpiece is ready for sterilization

Chuck care is included as a special mode in the QUATTROcare Plus. KaVo recommends servicing the chuck once per week.

## Sterilization

KaVo product with the sterilization symbol  may be sterilized in steam autoclaves per EN13060/ISO 17665-1. KaVo MULTiflex couplers are not sterilizable.

The KaVo medical device has a maximum temperature resistance up to 138° (280.4°F). Depending on the available autoclave, select a suitable procedure from the following sterilization processes:

- Autoclave with three times initial vacuum: at least 3 minutes at 134 °C -1 °C / +4 °C (273 °F -1.6 °F / +7.4°F)

- Autoclave using the gravitation method: at least 10 minutes at 134 °C -1 °C / +4 °C (273 °F -1.6 °F / +7.4°F)
- Autoclave using the gravitation method: at least 60 minutes at 121 °C -1 °C / +4 °C (250 °F -1.6 °F / +7.4°F)
- Use in accordance with the sterilizer manufacturer's Instructions for Use

*Note: This sheet is only a guide. Proper sterilization techniques and validation of equipment cleanliness should be observed at all times and verified by dental office staff. Always follow the manufacturer's instructions for cleaning, lubricating, and sterilization.*

