

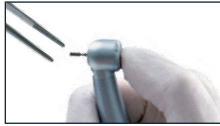
# KaVo Handpiece Maintenance Guide

For the reprocessing of KaVo air driven high-speeds, Electric high-speeds, low-speed contra angles, low-speed motors 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.



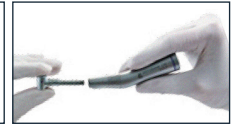
Remove the handpiece from either the MULTiflex™ coupler or the motor - pull straight off - do not twist or bend. Fixed back Handpieces require screwing off from the treatment unit tubing.



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

*Always remove the bur prior to reprocessing.*

### 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).

#### NORMAL 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

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.

- ① Position the instruments on the appropriate nozzle
- ② Close the door
- ③ Press start, everything is done when the beep sounds

#### CHUCK CARE

Chuck care is included as a special mode in the QUATTROcare Plus. 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

## Sterilization

CDC Guidelines state:

**Dental handpieces and associated attachments**, including low-speed motors and reusable prophylaxis angles, **should always be heat sterilized between patients** and not high-level or surface disinfected. Studies have shown that their internal surfaces can become contaminated with patient materials during use. **If these devices are not properly cleaned and heat sterilized, the next patient may be exposed to potentially infectious materials.**

- ① Package the handpiece in sterilization bag or pouch
- ② The Handpiece is ready for sterilization

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

- Autoclave with dynamic-air-removal (vacuum): 3 minutes at 135°C (275°F)
- Autoclave using gravity-displacement-steam: 10 minutes at 135°C (275°F)

Use in accordance with the sterilizer manufacturer's Instructions for Use and ANSI/AAMI ST79:2010 & A1:2010 & A2:2011 & A3:2012



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

- Autoclave using gravity-displacement-steam (if designated in the Instructions for Use): at least 30 minutes at 121°C (250°F)