

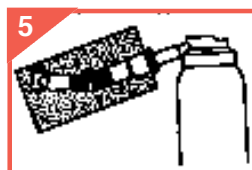
## KaVo MULTiflex High-Speed Handpieces

### Attention!

To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



**1** Remove the MULTiflex handpiece from the MULTiflex coupler.



**5** Fit the handpiece on the KaVo Spray with the MULTiflex Nozzle. Cover with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids**

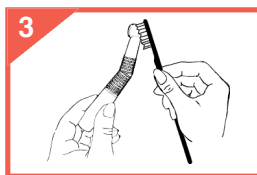
**are not recommended.** If a large amount of debris appears, repeat the process.



**2** Remove bur.



**6** Fit the handpiece without bur on the MULTiflex coupler or air station, allow it to run for 20 seconds and wipe off excess lubricant.



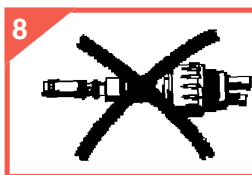
**3** Scrub handpiece under cold running water with a soft sponge.



**7** Sterilize MULTiflex High-Speed handpieces without bur up to maximum 135°C (275°F) in an autoclave or chemiclave.



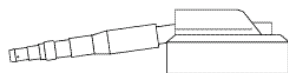
**4** Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



**8** The MULTiflex coupler cannot be sterilized.

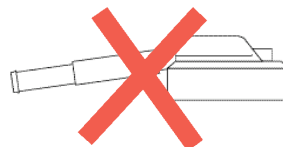
- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- KaVo MULTiflex High-Speed Handpieces must be lubricated **BEFORE** every sterilization cycle with KaVo Spray.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

#### MULTiflex Nozzle



Order No. 0411.9921

#### Quick Nozzle



## KaVo Fixed Back High-Speed Handpieces

### Attention!

To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



1 Remove bur from handpiece.



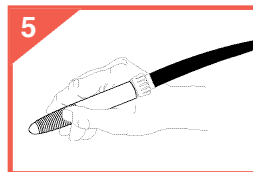
2 Scrub handpiece under cold running water with a soft sponge.



3 Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



4 Attach the white pointed adapter to the Quick Nozzle of the KaVo Spray can. Insert the pointed end into the drive air supply hole on the handpiece. Cover handpiece with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids are not recommended.** If a large amount of debris appears, repeat the process.



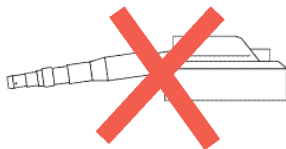
5 Fit the handpiece (without bur) on the tubing, allow it to run for 20 seconds and wipe off excess lubricant.



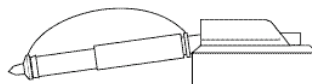
6 Sterilize Fixed Back High-speed Handpiece without bur up to maximum 135°C (275°F) in an autoclave.

- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- Improper maintenance and care may result in premature wear and failure. We recommend use of original KaVo Spray BEFORE every sterilization cycle.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

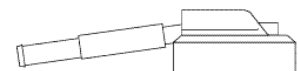
**MULTIflex Nozzle**



**Quick Nozzle with pointed adapter**



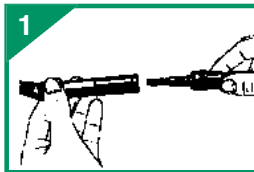
**Quick Nozzle**



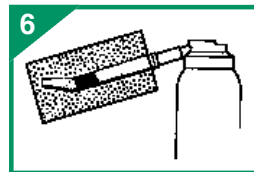
## KaVo INTRAFlex LUX 2 Low-Speed Handpieces

### Attention!

To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



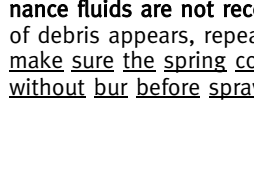
1 Remove the INTRAFlex LUX 2 handpiece from the MULTIflex coupler.



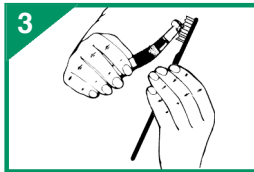
6 Fit INTRAFlex handpiece without head on the KaVo Spray with the MULTIflex Nozzle. Cover with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids are not recommended.** If a large amount of debris appears, repeat the process. For 2313LN make sure the spring collar is in the closed position without bur before spraying.



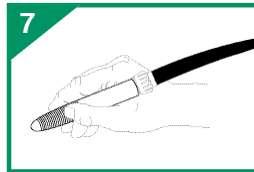
2 Remove bur.



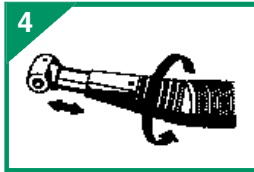
7 Fit the handpiece (without head or bur) on the MULTIflex coupler or air motor, allow it to run for 20 seconds and wipe off excess lubricant.



3 Scrub handpiece under cold running water with a soft sponge.



8 Do not re-assemble head to handpiece prior to sterilization. Sterilize INTRAFlex LUX 2 Low-Speed handpieces up to maximum 135°C (275°F) in an autoclave.



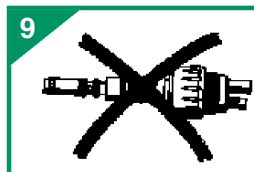
4 Remove head from handpiece (except for 2325LN and 2313). (Head maintenance separate)



5 Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



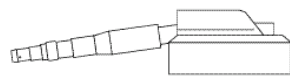
6 Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



7 The MULTIflex coupler cannot be sterilized.

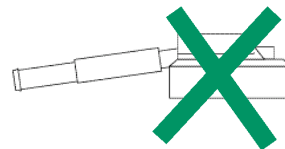
- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- Improper maintenance and care may result in premature wear and failure. We recommend use of original KaVo Spray BEFORE every sterilization cycle.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

#### MULTIflex Nozzle



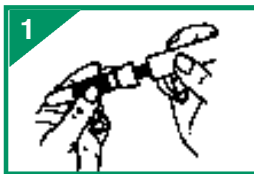
Order No. 0411.9921

#### Quick Nozzle

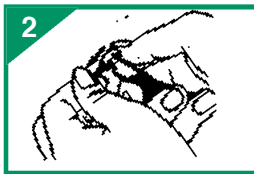


## KaVo Speed Increasing Attachment INTRAmatic LUX 25LHA / GENTLEpower LUX 25LPA

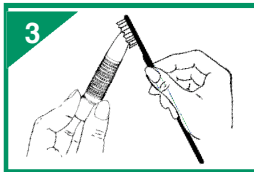
**Attention:** To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



1 Remove the attachment from the motor E-type connection.



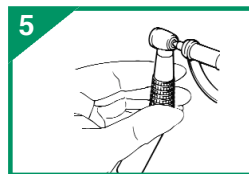
2 Remove bur.



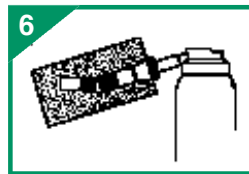
3 Scrub attachment under cold running water with a soft toothbrush.



4 Do not place or immerse in disinfectant! Do not combine disinfecting with sterilization.

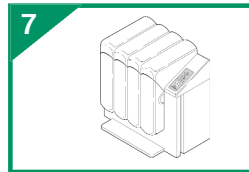


5 **Attention:** Speed increasing attachment (e.g. 25LHA, 25LPA, etc.): Once a week, for additional maintenance of the chuck system, spray into the front of the chuck system for 1-2 seconds with the pointed adapter on the Quick Nozzle.



6 Place attachment on the KaVo Spray with Quick Nozzle cover with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids are not recommended.** If a large amount of debris appears, repeat the process.

Or:



7 Maintain with KaVo QUATROcare - KaVo's fully automatic maintenance system (replaces step 5 and 6).



8 Sterilize Low-Speed Attachments without bur up to maximum 135°C (275°F) in an autoclave or chemiclave.

- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- KaVo INTRA Low-Speed attachments must be lubricated **BEFORE** every sterilization cycle with KaVo Spray.
- Do not spray after sterilization.
- If alcohol wipes are used instead of sterilization, lubricate with KaVo Spray after disinfecting.

**CAUTION:**

Electric Micromotors generate significantly more power than traditional air turbines and air motors. Due to increased torque and speed, poorly maintained, damaged or misused handpieces can potentially generate frictional heat capable of causing serious burn injuries to the patient. The following guidelines are essential for the safe operation of Electric Micromotor handpieces:

- Carefully follow handpiece maintenance instructions using KaVo Spray or QUATROcare Maintenance System.
- Before each use, examine the handpiece attachment for physical damage.
- Test run handpiece attachment, inspecting for heat, excessive noise or vibration.
- Immediately stop using any suspect handpiece.
- NEVER apply pressure to chuck release button while handpiece is rotating; this includes using the head of the attachment as a cheek or tongue retractor.
- We suggest establishing a routine service interval for which the handpiece attachments are returned to KaVo for inspection, cleaning, and maintenance. The frequency of these inspections should depend on usage. However to ensure proper performance, the handpiece must be maintained according to KaVo maintenance instructions.
- KaVo handpiece service must only be performed by KaVo authorized repair centers using genuine KaVo repair parts.
- Direct all questions pertaining to maintenance and repair issue to KaVo Customer Service (888-KAVO-USA).

## KaVo Low-Speed Attachments\*

### Attention!

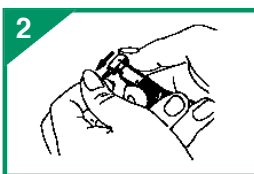
To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



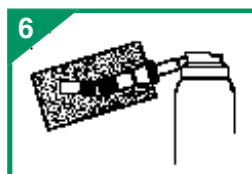
1 Remove the attachment from the motor coupler.



5 Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.

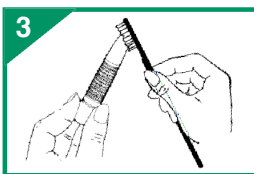


2 Remove bur. (close chuck on straight attachments)

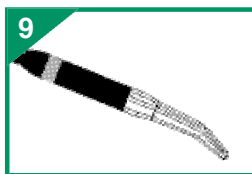


6 Place attachment on the KaVo Spray with Quick Nozzle, cover with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids are not recom-**

**mended.** If a large amount of debris appears, repeat the process.



3 Scrub attachment under cold running water with a soft sponge.



9 Fit the attachment (without head or bur) onto the motor, allow it to run for 20 seconds **with head down** and wipe off excess lubricant.



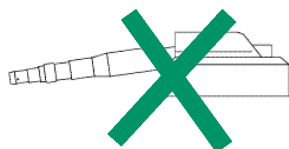
4 Remove head (except 25LN, 25LHA, 25LPA). For straight nose cones and off angles make sure the spring collars are in the closed position without bur before spraying.



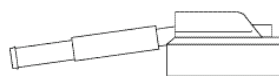
7 Do not re-assemble head to attachment prior to sterilization. Sterilize Low-Speed Attachments without head or bur up to maximum 135°C (275°F) in an autoclave or chemi-clave.

- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- KaVo INTRA Low-Speed attachments must be lubricated BEFORE every sterilization cycle with KaVo Spray.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

#### MULTiflex Nozzle



#### Quick Nozzle



\*except KaVo INTRAfLEX LUX 2

## KaVo INTRA Heads

### Attention!

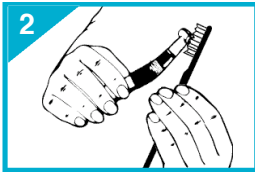
To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



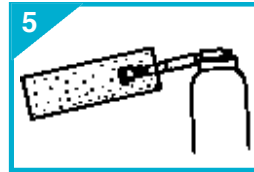
1 Remove bur.



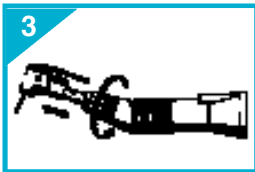
4 Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



2 Scrub head under cold running water with a soft sponge.



5 Insert INTRA head into the KaVo Spray with the Quick Nozzle. Cover with KaVo Clean Pac or paper towel and spray through for 1-2 seconds. **Other maintenance fluids are not recommended.** If a large amount of debris appears, repeat the process. Once a week, for additional maintenance of the chuck system, spray into the front of the chuck system for 1-2 seconds with the pointed adapter on the Quick Nozzle.



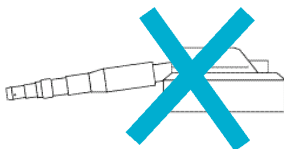
3 Remove head from the handpiece.



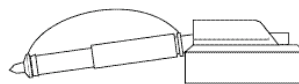
6 Do not re-assemble head to attachment prior to sterilization. Sterilize INTRA heads without bur up to maximum 135°C (275°F) in an autoclave.

- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- Improper maintenance and care may result in premature wear and failure. We recommend use of original KaVo Spray BEFORE every sterilization cycle.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

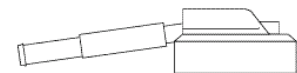
**MULTIflex Nozzle**



**Quick Nozzle with pointed adapter**



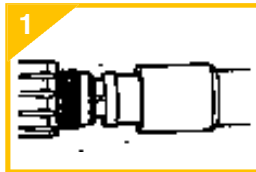
**Quick Nozzle**



## KaVo INTRA Air Motors

### Attention!

To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.  
Note: This maintenance sheet only applies to KaVo air motors. Electric motors should NEVER be maintained with spray.



1 Remove motor from the tubing (insure that motor is in full forward position).

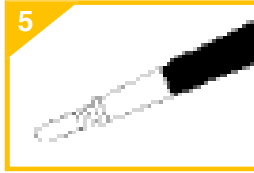


4 Attach the white pointed adapter to the Quick Nozzle of the KaVo Spray can. Insert the pointed end into the drive air supply hole on the motor. Cover with KaVo Clean

Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids are not recommended.** If a large amount of debris appears, repeat the process.



2 Clean motor externally with a paper towel.



5 Fit the INTRA motor (without the attachment) on the tubing, allow it to run for 20 seconds and wipe off excess lubricant.



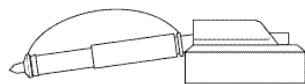
3 Do not immerse in disinfectant! Do not combine disinfecting with sterilization.



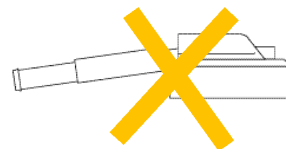
6 Sterilize motors if you have model 181K, 181H, 181M, 182. Other motors are not sterilizable. (especially with light)

- Improper maintenance and care may result in premature wear and failure. We recommend use of original KaVo Spray BEFORE every sterilization cycle.
- Do not spray after sterilization.
- ATTENTION: Never lubricate electric motors!
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

Quick Nozzle with pointed adapter



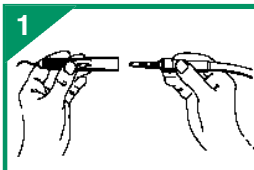
Quick Nozzle



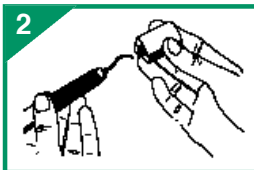
## KaVo SONICflex 2000L/N and 2003/L Scaler

### Attention!

To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown.



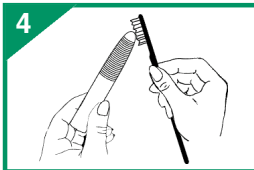
1 Remove the SONICflex scaler from the MULTiflex coupler.



2 Place the tip removal tool over the tip of the handpiece and unscrew turning counter clockwise to unscrew.



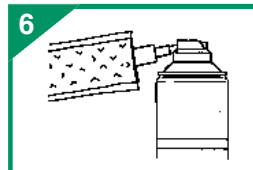
3 For daily maintenance of the tip, use the nozzle needle. Clear the water channel in the tip. Clean the cone of the tip and the handpiece cone with alcohol.



4 Scrub SONICflex Scaler externally under cold running water with a soft sponge.

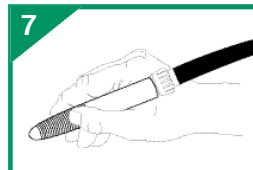


5 Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



6 Fit the SONICflex scaler on the KaVo Spray with the MULTiflex Nozzle. Cover with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids**

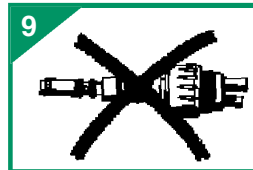
**are not recommended.** If a large amount of debris appears, repeat the process.



7 Fit the SONICflex Scaler (without tip) on the MULTiflex coupler or air station, allow it to run for 20 seconds and wipe off excess lubricant.



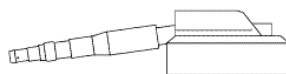
8 Sterilize SONICflex Scaler and tips separately up to a maximum 135<sup>o</sup> C (275<sup>o</sup> F) in an autoclave or chemiclave.



9 The MULTiflex coupler cannot be sterilized.

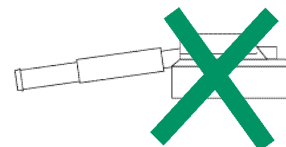
- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- KaVo SONICflex scalers must be lubricated BEFORE every sterilization cycle with KaVo Spray.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

#### MULTiflex Nozzle



Order No. 0411.9921

#### Quick Nozzle





## KaVo Surgical Handpieces

**Attention:** To insure warranty through proper maintenance with KaVo Spray, follow the steps exactly as shown. The cleaning stages described must always be carried out directly after every surgical procedure. This will prevent blood, saliva, or saline residues from drying the handpiece and causing malfunctions.



**1** Remove the attachment from the motor coupler.



**2** Remove bur.



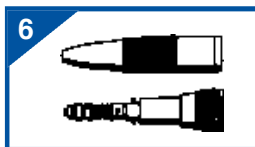
**3** Scrub handpiece externally under cold running water with a soft sponge.



**4** Remove head from handpiece where applicable.



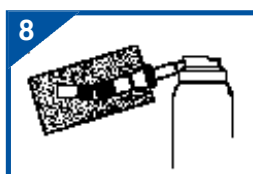
**5** Do not spray, wipe, or immerse in disinfectant! Do not combine disinfecting with sterilization.



**6** Various attachments can be dismantled for cleaning and maintenance.



**7** Scrub dismantled attachments under cold running water with a soft toothbrush, **dry**, then re-assemble them. For straight nose cones (3610, 3614, 3554) and off angles (3555, 3556) make sure the spring collars are in the closed position without bur before spraying.



**8** Fit surgical attachment on the KaVo Spray with the Quick Nozzle. Cover with KaVo Clean Pac or paper towel and spray through for 3 seconds. **Other maintenance fluids are not recommended.** If a large amount of debris appears, repeat the process.



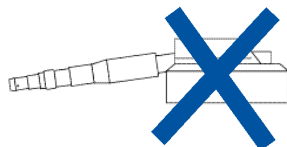
**9** Fit the attachment (without head or bur) onto the motor, allow it to run for 20 seconds and wipe off excess lubricant.



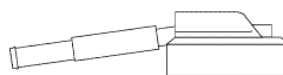
**10** Do not re-assemble head to handpiece prior to sterilization. Sterilize Surgical Attachments without head or bur up to maximum 135°C (275°F) in an autoclave or chemiclave.

- Condensation may occur after sterilization. Please keep handpieces in an upright position when storing.
- KaVo Surgical Handpieces must be lubricated **BEFORE** every sterilization cycle with KaVo Spray.
- Do not spray after sterilization.
- Please note: Steps 5 and 6 can be replaced by using the KaVo QUATTROcare automatic maintenance system.

### MULTIflex Nozzle



### Quick Nozzle



## KaVo PROPHYflex 2 & 3

### After Use

1. Remove glass/plastic jar from PROPHYflex
2. Screw on empty jar and run for 10 seconds to remove residue powder
3. Remove tip and wash/rinse tip through both ends with running water (use file if any clog is visible)
4. Wash/Rinse glass/plastic jar under running water, making sure no powder remains
5. Wash/Rinse PROPHYflex and run water from front to back through chamber to remove any remaining powder (screw may be removed and flushed if desired)
6. Dry with clean paper towel
7. STERILIZE (using steam or chemical)

### After Sterilization

8. Remove PROPHYflex from sterilizer and dry with clean towel, be sure powder chamber and screw are **VERY** dry
9. Dry top and glass/plastic jar with towel, again, very dry
10. Install tip and glass/plastic jar (without powder)
11. Run PROPHYflex for 30 seconds without powder (this will dry the inner chamber)
12. Fill with powder

### Note

Compressor air must be absolutely free of any moisture  
Do not let the PROPHYflex set too long after use without cleaning