Instructions for use

PROPHYflex 4
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1 User instructions

Dear User,

congratulations on purchasing this KaVo quality product. By following the instructions below you will be able to work smoothly, economically and safely.

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Please direct all questions regarding the product, service and maintenance to the
KaVo Technical Service:
Toll-free: 1-888-ASK-KAVO (888-275-5286)
Email: customerservice@kavokerr.com
Please refer to the serial number of the product in all inquiries!

For repairs, please contact KaVo Repair Service.
For scheduling or if you have any questions, please contact:
KaVo Repair Service
KaVo Dental Technologies, LLC
11727 Fruehauf Drive
Charlotte, NC 28273 USA
Toll-free Direct Customer Service: 1-888-ASK-KAVO (888-275-5286)
Email: techservice@kavokerr.com
www.kavousa.com

General marks and symbols

Refer to the chapter on Safety/Warning symbol

Important information for users and service technicians

Action request

Sterilization parameters

- Sterilizer with triple pre-vacuum:
  - at least 3 minutes at 135°C (275 °F)
  - Drying time: 16 min.

- Sterilizer using the gravity method:
  - at least 10 minutes at 135°C (275 °F)
  - Drying time: 30 min.

- Sterilizer using the gravity method:
  - at least 60 minutes at 121°C (250 °F)
  - Drying time: 15 min.

Suitable for disinfection in a washer disinfector

Information on the package labeling

Catalogue number

5 / 32
<table>
<thead>
<tr>
<th><strong>SN</strong></th>
<th>Serial number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Legal Manufacturer</td>
</tr>
<tr>
<td></td>
<td>CE mark according to Medical Devices Directive EC 93/42</td>
</tr>
<tr>
<td></td>
<td>Please note the electronic instructions for use</td>
</tr>
<tr>
<td></td>
<td>Caution: Consult instructions for use</td>
</tr>
<tr>
<td></td>
<td>EAC conformity mark (Eurasian Conformity)</td>
</tr>
<tr>
<td></td>
<td>GOST R certification</td>
</tr>
<tr>
<td></td>
<td>Transportation and storage conditions (Temperature range)</td>
</tr>
<tr>
<td></td>
<td>Transportation and storage conditions (Air pressure)</td>
</tr>
<tr>
<td></td>
<td>Transportation and storage conditions (Humidity range)</td>
</tr>
<tr>
<td></td>
<td>Protect from moisture (Keep dry)</td>
</tr>
<tr>
<td></td>
<td>Fragile, handle with care</td>
</tr>
<tr>
<td></td>
<td>HIBC Code</td>
</tr>
</tbody>
</table>

**Hazard levels**

The warning and safety notes in this document must be observed to prevent personal injury and property damage. The warning notes are designated as shown below:

- **DANGER**
  - In cases which – if not prevented – directly lead to death or severe injury.

- **WARNING**
  - In cases which – if not prevented – can lead to death or severe injury.

- **CAUTION**
  - In cases which – if not prevented – can lead to moderate or mild injury.

- **NOTICE**
  - In cases which – if not prevented – can lead to property damage.
2 Safety

The instructions for use are a component of the product and must be read carefully prior to use and be accessible at all times. The device may only be used in accordance with the intended use, any other type of use is not permitted.

2.1 Infection hazard

Patients, users or third parties can be infected by contaminated medical devices.

▶ Take suitable personal protective measures.
▶ Follow the instructions for use of the components.
▶ Before initial startup and after each use, process the product and accessories appropriately.
▶ Carry out the processing as described in the instructions for use. The procedure has been validated by the manufacturer.
▶ If you deviate from this procedure, it is essential to make sure that the processing is effective.
▶ Prior to disposal, the product and accessories must be appropriately processed and sterilized.
▶ In the case of injury to soft tissue, do not continue treatment in the oral cavity with instruments driven by compressed air.

2.2 Air embolism and skin emphysema

There is a danger that the insufflation of spray in open wounds can cause air embolisms and skin emphysema.

▶ Avoid the insufflation of spray in open wounds.

2.3 Technical condition

A damaged device or components can injure patients, users and third parties.

▶ Use the device and components only if there is no damage on the outside.
▶ Check to make sure that the device is working properly and is in satisfactory condition before each use.
▶ Have parts with sites of breakage or surface changes checked by the Service.
▶ If you notice any of the following defects on the product or accessories, stop working and have the service personnel carry out repair work.

To ensure optimum function and to prevent property damage, please comply with the following instructions:

▶ The device should be cleaned, serviced and stored in a dry location, according to instructions, if it is not to be used for an extended period of time.

2.4 Accessories and combination with other equipment

Use of un-authorized accessories on the device or un-authorized modifications to the device can lead to injury.
2 Safety | 2.5 Qualification of personnel

▶ Only use accessories that have been approved for combination with the product by the manufacturer.
▶ Only use accessories that are equipped with standardized interfaces.
▶ Only use consumables that have been approved for combination with the product by the manufacturer.
▶ Do not make any modifications to the device unless these have been approved by the manufacturer of the product.

2.5 Qualification of personnel

Application of the product by users lacking appropriate medical training can injure the patient, the user or third parties.
▶ Make sure that the user has read and comprehends the instructions for use.
▶ Only employ the device if the user has the appropriate medical training.
▶ Comply with national and regional regulations.

The improper use of the product might lead to emphysema. Emphysema may arise in extreme individual cases, especially in the presence of pathological gingival pockets (> 3 mm), mucosal lesions, direct skin contact or contact with soft tissue and/or improper handling.
▶ Minimize the time you work with the powder jet device.
▶ Place some cream on the patient’s lips to prevent the corners of the mouth from drying out or cracking.
▶ Metal surfaces appearing matte due to the exposure should be treated with tooth polishing agents.
▶ Polish all tooth surfaces after the treatment. KaVo recommends using the Cleanic® polishing paste made by Kerr.
▶ Rinse the patient’s mouth with water after the treatment.

The use of the product might lead to discoloration of the teeth. Following the treatment, the teeth are absolutely clean and all of the dental pellicle (cuticula dentis) is removed. The dental pellicle is restored only some 2 to 3 hours later due to the protein content of saliva. During this time, the teeth are not naturally protected from discoloration.
▶ Tell your patients not to smoke, drink tea or coffee and not to consume any other discoloring foods for 2 to 3 hours after treatment.

2.6 Service and repair

Repairs and servicing may only be performed by trained service personnel. The following persons are authorized to do this:

▪ Service technicians of KaVo branches after the appropriate product training
▪ Service technicians of KaVo authorized dealers after the appropriate product training

Comply with the following items during all servicing work:
▶ Have the service and testing tasks carried out in accordance with the Medical Product Operator Ordinance.
▶ Have the medical device evaluated by a professional shop with regard to its cleaning, servicing and functional needs according to an in-house service interval. Define the service interval depending on the frequency of use.
Cleansers and disinfectants that have not been approved can damage the plastic housing leading to hairline cracks and other damage which can ultimately lead to hazards.

2.7 Protective equipment

PROPHYflex Powder and other powders may get in the eyes or mouth of the user or patient during treatment.

▶ Both patient and user have to wear protective goggles during the treatment.

▶ KaVo recommends the use of dust extraction equipment and mouth protector during the treatment with PROPHYflex.
3 Description of the product

PROPHYflex 4 Wave (Mat. no. 3.002.8000)
PROPHYflex 4 Lime (Mat. no. 3.002.8200)
PROPHYflex 4 Flamingo (Mat. no. 3.002.8800)
PROPHYflex 4 S Wave (Mat. no. 3.004.5900)
PROPHYflex 4 S Lime (Mat. no. 3.004.5930)
PROPHYflex 4 S Flamingo (Mat. no. 3.004.5950)

3.1 Intended use - Proper use

Indications for use:

This medical device is
- intended for dental treatment only. All other types of use or modifications of the product are not permitted and can be hazardous. The medical device is intended for the following applications: Removal of discoloration and bacterial plaque, orthodontics, cleaning prior to fissure sealing, prosthetics, conservative and aesthetic dental medicine. Please refer also to the Instructions for Use.
- A medical device in accordance with the relevant national statutory regulations.

Proper Use:

In accordance with these regulations, this medical device may only be used by a properly trained user and for the application described herein. You need to comply with the following:
- the applicable health and safety regulations
- the applicable accident prevention regulations
- these Instructions for use

In accordance with these regulations, the user is required to:
- only use equipment that is operating properly
- adhere to the specified intended use
- protect himself or herself, the patient and third parties from danger, and
- avoid contamination from the product
3.2 Technical Specifications

Drive pressure: 3.2 - 5 bar (46 - 73 psi)
Air consumption: 10 – 13 NL/min
Water pressure: 1.0 - 2.5 bar (22 - 36 psi)
Water quantity: approx. 35 - 80 cm³

Attachable to all MULTIflex (LUX) / MULTIflex LED couplings.

3.3 Delivery content

<table>
<thead>
<tr>
<th>No./Item no.</th>
<th>Description</th>
<th>Mat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x ①</td>
<td>PROPHYflex 4 with: Long gripping sleeve Cannula Powder container</td>
<td>3.003.0520 3.003.1138 3.002.8136</td>
</tr>
<tr>
<td>1 x ②</td>
<td>Short gripping sleeve Cannula</td>
<td>3.003.2607 3.003.1138</td>
</tr>
<tr>
<td>1 x ③</td>
<td>Powder container Cannula</td>
<td>3.002.8136 3.004.4708</td>
</tr>
<tr>
<td>1 x ④</td>
<td>Powder container Rubber cover supra</td>
<td>3.002.8136 3.004.4708</td>
</tr>
<tr>
<td>1 x ⑤</td>
<td>Cleaning drill</td>
<td>0.573.0321</td>
</tr>
<tr>
<td>1 x ⑥</td>
<td>Nozzle needle</td>
<td>0.573.6052</td>
</tr>
<tr>
<td>1 x ⑦</td>
<td>Wrench for cannula</td>
<td>3.004.6351</td>
</tr>
<tr>
<td>1 x ⑧</td>
<td>Set of O-rings</td>
<td>can be ordered individually</td>
</tr>
</tbody>
</table>
### 3.4 Transportation and storage conditions

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Startup after refrigerated storage.</strong> Malfunction.</td>
</tr>
<tr>
<td>▶ Prior to startup, strongly refrigerated products must be allowed to warm up to a temperature of 20 °C to 25 °C (68 °F to 77 °F).</td>
</tr>
</tbody>
</table>

| **Temperature:** | -20 °C to +70 °C (-4 °F to +158 °F) |
| **Relative humidity:** | 5% RH to 95% RH absence of condensation |
| **Air pressure:** | 700 hPa to 1060 hPa (10 psi to 15 psi) |
| **Protect from moisture (Keep dry)** | |
4 Startup and shut-down

**WARNING**

Hazard from non-sterile products.
Infection hazard for dentist and patient.
- Before first use and after each use, process and sterilize the medical device and accessories accordingly.

**WARNING**

Dispose of the product in the appropriate manner.
Infection hazard.
- Before disposal, process and sterilize the product and accessories appropriately.

**NOTICE**

Damage from contaminated and moist cooling air.
Contaminated and moist cooling air can cause malfunctions.
- Make sure that the supplied cooling air is dry, clean and free of contamination in accordance with ISO 7494-2.

4.1 Mounting the MULTIflex (LUX) / MULTIflex LED coupling

**WARNING**

Detachment of the medical device during treatment.
A medical device that is not properly locked in place can detach from the MULTIflex (LUX) / MULTIflex LED coupling during treatment.
- Before each use, check if the medical device is securely locked onto the MULTIflex (LUX) / MULTIflex LED coupling by pulling on it.
- Screw the MULTIflex (LUX) / MULTIflex LED coupling onto the turbine hose.
- Open the water supply all the way using the spray ring on the MULTIflex (LUX) / MULTIflex LED coupling.

4.2 Checking the O-rings (MULTIflex)

**NOTICE**

Missing or damaged O-rings.
Malfunctions and premature failure.
- Make sure that all O-rings are present on the coupling and are undamaged.

Number of available O-rings: 5
5 Operation

Note
At the beginning of each workday, the water-conducting systems should be rinsed for at least 2 minutes (without transmission handpieces being attached) and if there is a risk of contamination from reflux or back suction, the system may also need to be rinsed for 20-30 seconds after each patient.

5.1 Attaching the medical device

WARNING
Detachment of the medical device during treatment.
A medical device that is not properly locked in place can detach from the MULTIflex (LUX) / MULTIflex LED coupling during treatment.
▶ Before each use, check if the medical device is securely locked onto the MULTIflex (LUX) / MULTIflex LED coupling by pulling on it.

▶ Mount the medical device accurately on the MULTIflex (LUX) / MULTIflex LED coupling and push it backward until the coupling audibly locks in the medical device.

▶ Pull on the medical device to make sure that it is securely affixed to the coupling.

5.2 Removing the medical device
▶ Firmly grasp the coupling and pull the medical device off while twisting slightly.

5.3 Filling the powder container

CAUTION
Open powder container.
Infection hazard from contaminated powder.
▶ Only use original KaVo powder.
▶ Process and refill the powder container before each patient.
▶ Comply with the safety data sheets for KaVo powders.
▶ Safety data sheets are available for inspection at www.kavo.com, "Safety data sheets".

▶ Unscrew the powder container in counterclockwise direction.

▶ Before filling the powder container, shake the powder in the refilling bag well.

▶ Fill the powder container up to the marking.
Keep the powder container closed with the rubber cover until the powder is used on the patient.

Remove the rubber cover before use.

To screw-on the powder container and to tighten it keep the container upright and unscrew it in clockwise direction.

Adjusting the powder volume
The powder quantity can be controlled at 3 levels using the adjusting ring.

5.4 Mounting the gripping sleeve
The gripping sleeve is available in two different lengths.

- Long gripping sleeve: 3.003.0520
- Short gripping sleeve: 3.003.2607
- Mount the ergonomically fitting gripping sleeve on the instrument without tilting it.

5.5 Screwing-in the cannula

**CAUTION**

Cannula falls off during the treatment.
Detachment of the cannula is a hazard for patient and user.
Visual inspection after each time the cannula is inserted with the wrench for the cannula.
Before commencing the treatment, check that there is no gap between the cannula and the gripping sleeve.

- Insert the cannula in the gripping sleeve with the wrench for the cannula and screw it in clockwise while holding on to the gripping sleeve.

5.6 Unscrewing the cannula

- Unscrew the cannula in counterclockwise direction using the wrench for the cannula.
5.7 Instructions for use for PROPHYflex Powder, PROPHYpearls®, PROPHYflex Perio Powder

<table>
<thead>
<tr>
<th>PROPHYflex Powder</th>
<th>PROPHYpearls®</th>
<th>PROPHYflex Perio Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>When:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Conservative and aesthetic dental medicine</td>
<td>• Conservative and aesthetic dental medicine</td>
<td>• Subgingival treatment</td>
</tr>
<tr>
<td>• Cleaning of tooth surfaces</td>
<td>• Cleaning of tooth surfaces</td>
<td>• Removal of periodontal biofilm</td>
</tr>
<tr>
<td>• Removal of stains and plaque</td>
<td>• Removal of stains and plaque</td>
<td>• For follow-up treatment after the initial use in periodontal therapy</td>
</tr>
<tr>
<td>• Orthodontics and prosthetics (pre- and after-treatment of adhesive surfaces)</td>
<td>• Orthodontics and prosthetics (pre- and after-treatment of adhesive surfaces)</td>
<td>• Preservation of dental implants (including titanium polish)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROPHYflex Powder</th>
<th>PROPHYpearls®</th>
<th>PROPHYflex Perio Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>from pink to white working</td>
<td>from pink to white working</td>
<td>any direction of work</td>
</tr>
<tr>
<td>water-soluble</td>
<td>slightly water-soluble</td>
<td>water-soluble</td>
</tr>
</tbody>
</table>

NOTICE

**Do not run the instrument with RONDOflex powder.**
Defects on the PROPHYflex.

See also:

- Instructions for use PROPHYflex Powder, PROPHYpearls®, PROPHYflex Perio Powder
6 Troubleshooting

Preventive measures

▶ After each treatment and before each sterilization, unscrew the powder container in counterclockwise direction and replace it with a clean powder container.
▶ Mount the PROPHYflex on the MULTiflex (LUX) / MULTiflex LED coupling and blow through the air and water channels.
▶ Switch the water off and blow through the air and water channels again.

6.1 Cleaning a blocked cannula

▶ Remove the cannula.

▶ Slide the nozzle needle into the cannula from the front while rotating it.

▶ Then slide the nozzle needle into the cannula from the back while rotating it.

▶ Then remove the nozzle needle, and blow out the cannula with compressed air.

6.2 Cleaning a clogged main body

▶ Pull the gripping sleeve off.

▶ Unscrew the powder container in counterclockwise direction.

▶ Push the nozzle needle through the aperture of the nozzle.

▶ Use the cleaning drill to clean or remove obstructions from the media tube.

▶ Then blow through with compressed air.

If the clogging persists:
Use the wrench for cannula to unscrew the nozzle by placing the lateral recess of the wrench on the nozzle and unscrewing the nozzle.

Use the cleaning drill to clean or remove obstructions from the media tube from the front.

Tighten the nozzle with the wrench again.

Blow compressed air through.
7 Processing steps in accordance with ISO 17664

7.1 Preparations at the site of use

**WARNING**

**Hazard from contaminated products**
Contaminated products are associated with an infection risk.
- Take suitable personal protective measures.
- Immediately remove any residual blood.
- Process the medical device as soon as possible after treatment.
- Unscrew the powder container from the medical device by turning it in counterclockwise direction.
- Empty the powder container before processing the medical device.
- Screw the empty powder container onto the medical device and then blow compressed air through the medical device.
- The medical device must be dry when transported to the processing.
- Do not immerse in solutions or the like.

7.2 Disassembly

**WARNING**

**Incomplete disinfection.**
Infection hazard
- To ensure complete disinfection of all parts, the medical device needs to be disassembled before processing.

- Unscrew the powder container.
- Pull the gripping sleeve off.
- Remove the cannula from the gripping sleeve.
7.3 Cleaning

NOTICE
Never process this medical device in an ultrasonic device. Functional damage and property damage.
- Clean it in a washer disinfector only.

7.3.1 Overview of the processing options

<table>
<thead>
<tr>
<th></th>
<th>Pre-cleaning</th>
<th>Automated external cleaning</th>
<th>Automated internal cleaning</th>
<th>Automated internal and external disinfection</th>
<th>Sterilization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main body</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Gripping sleeve</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Cannula / Adapter + Perio Tip</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Gripping sleeve and cannula / Adapter + Perio Tip</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Powder container</td>
<td>x</td>
<td>x</td>
<td>-</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Cover for powder container</td>
<td>x</td>
<td>x</td>
<td>-</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Wrench for cannulas</td>
<td>x</td>
<td>x</td>
<td>-</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

x possible
- not possible

Note
Adapters are needed for automated cleaning.
Order adapter separately.

See also:
☞ 8 Tools and consumables, Page 25
7.3.2 Pre-cleaning

Accessories required:
- Tap water 30 °C ± 5 °C (86 °F ± 10 °F)
- Brush, e.g. medium-hard toothbrush
  ▶ Disassemble the instrument completely.
  ▶ Brush off all individual parts under running tap water.

7.3.3 Preparation for automated external and internal cleaning

<table>
<thead>
<tr>
<th>Miele Series G 7881/7891</th>
<th>Main body</th>
<th>required material: Cleaning cover PROPHYflex 4 (3.004.6640)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gripping sleeve</td>
<td>required material: Cleaning in Miele sieve basket</td>
<td></td>
</tr>
<tr>
<td>Cannula / Adapter + Perio Tip</td>
<td>required material: Cleaning adapter PROPHYflex 4 long (3.004.6640) or cleaning adapter PROPHYflex 4 long (3.004.8509)</td>
<td></td>
</tr>
<tr>
<td>Gripping sleeve and cannula / Adapter + Perio Tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powder container</td>
<td>required material: Cleaning in Miele sieve basket</td>
<td></td>
</tr>
<tr>
<td>Cover for powder container</td>
<td>required material: Cleaning in Miele sieve basket</td>
<td></td>
</tr>
<tr>
<td>Wrench for cannulas</td>
<td>required material: Cleaning in Miele sieve basket</td>
<td></td>
</tr>
</tbody>
</table>

7.3.4 Automated external cleaning

KaVo recommends thermodisinfectors in compliance with ISO 15883-1, which are operated using alkaline cleaning agents having a maximum pH value of 10.
▶ For program settings as well as cleansers and disinfectants to be used, please refer to the Instructions for Use of the washer disinfector.
7.3.5 Automated internal cleaning

KaVo recommends thermodisinfectors in compliance with ISO 15883-1, which are operated using alkaline cleaning agents having a maximum pH value of 10.

- For program settings as well as cleansers and disinfectants to be used, please refer to the Instructions for Use of the washer disinfector.
- In order to prevent damage to the medical device due to residual fluid, make sure that the inside and outside of the device is dry after the end of the cycle. Remove any residual liquids from the interior and exterior of the medical device using compressed air.

The drying procedure is usually part of the cleaning program of the washer disinfector.

**Note**
Please comply with the instructions for use of the washer disinfector.

7.4 Disinfection

**WARNING**
Incomplete disinfection.
Infection hazard.
- Principally, KaVo recommends carrying out an final disinfection of the unpackaged item to guarantee the complete disinfection.

**NOTICE**
Never disinfect the handpiece with chlorine-containing products.
Functional damage and property damage.
- Only disinfect in a washer disinfector or manually.

7.4.1 Manual external disinfection

KaVo recommends the following products based on material compatibility. The microbiological efficacy must be ensured by the disinfectant manufacturer and proven by an expert opinion.

- CaviCide made by Metrex

Consumables required:
- Cloths for wiping the medical device.

- Spray the disinfectant on a cloth, then wipe down the medical device and allow the disinfectant to act in accordance with the instructions of the disinfectant manufacturer.

- Comply with the instructions for use of the disinfectant.

7.4.2 Automated external and internal disinfection

KaVo recommends thermodisinfectors in compliance with ISO 15883-1, which are operated using alkaline cleaning agents having a maximum pH value of 10.
7 Processing steps in accordance with ISO 17664 | 7.5 Care products and systems - Servicing

- For program settings as well as cleansers and disinfectants to be used, please refer to the Instructions for Use of the washer disinfector.
- In order to prevent damage to the medical device due to residual fluid, make sure that the inside and outside of the device is dry after the end of the cycle. Remove any residual liquids from the interior and exterior of the medical device using compressed air.

The drying procedure is usually part of the cleaning program of the washer disinfector.

**Note**

Please comply with the instructions for use of the washer disinfector.

### 7.5 Care products and systems - Servicing

**NOTICE**

**Improper care.**
Malfunction or property damage.
- Do not clean the PROPHYflex with oils or care spray.

### 7.6 Packaging

**Note**

The sterilization bag must be large enough for the handpiece to fit without stretching the bag.
The quality and use of the sterilization packaging must comply with applicable standards and be suitable for the sterilization procedure!

- Seal each medical device individually in a sterilization item package.

### 7.7 Sterilization

**Sterilization in a steam sterilizer (autoclave) in accordance with ISO 17665-1**

**NOTICE**

**Contact corrosion due to moisture.**
Damage to the product.
- Remove the product from the steam sterilization immediately after the sterilization cycle.

**Note**

Prior to attaching the powder container, all powder-conducting parts and air channels must be absolutely dry. Screw together the powder container and handpiece only when they are cold.

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

- Autoclave with pre-vacuum:
  - at least 3 minutes at 135°C (275 °F)
  - Drying time: 16 min.
- Autoclave using the gravity method:
  - at least 10 minutes at 135°C (275 °F)
  - Drying time: 30 min.

Use in accordance with the manufacturer’s Instructions for Use.

7.8 Storage

- Processed and sterilized products should be stored protected from dust in a dry, dark and cool place with minimum exposure to bacteria.
- Comply with the expiration date of the sterilized items.
## 8 Tools and consumables

Available from dental suppliers.

<table>
<thead>
<tr>
<th>Item</th>
<th>Mat. no.</th>
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<tbody>
<tr>
<td>Cannula</td>
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<td>Powder container</td>
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<td>Rubber cover supragingival</td>
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<td>PROPHYflex Powder, berry, Pack of 80 sticks</td>
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## 8 Tools and consumables

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9 Terms and conditions of warranty

The following Terms and conditions of warranty apply to this KaVo medical device:

KaVo provides the end customer with a warranty of proper function and guarantees zero defects in respect of material and processing for a period of 24 months from the date of the invoice, subject to the following conditions:

In case of justified complaints, KaVo will honor its warranty with a free repair or replacement, as needed. Other claims of any nature whatsoever, in particular with respect to compensation, are excluded. In the event of default, gross negligence or intent, this shall only apply in the absence of mandatory legal regulations to the contrary.

KaVo shall not be liable for defects and their consequences that have arisen or may arise from natural wear, improper handling, cleaning or maintenance, non-compliance with operating, maintenance or connection instructions, calcination or corrosion, contaminated air or water supplies or chemical or electrical factors deemed abnormal or impermissible in accordance with KaVo's instructions for use or other manufacturer's instructions. The warranty granted does not usually extend to lamps, optical fibers made of glass and glass fibers, glassware, rubber parts, and the colorfastness of plastic parts.

All liability shall be excluded if defects or their consequences originate from manipulations or changes to the product made by the customer or a third party that is not authorized by KaVo.

Warranty claims shall be accepted only if the product is submitted along with proof of purchase in the form of a copy of the invoice or note of delivery. The dealer, purchase date, type, and serial number must be clearly evident from this document.