

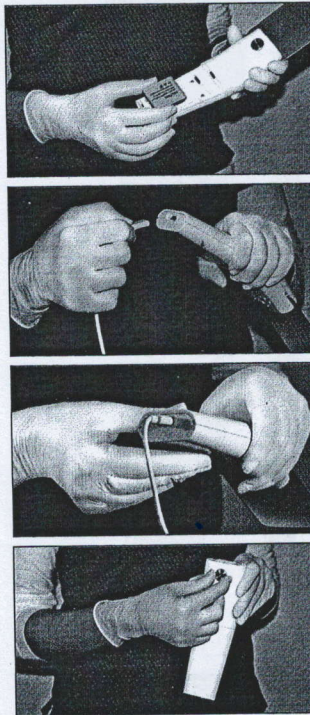
Function

The supplied battery pack is inserted into the designated space. Pay attention to the correct position of the battery contacts.

Connect the included micro-USB charging cable to the PMD and connect it to a power source.

During the entire charging process, the red LED lights up. Charging is complete when the red LED turns off. Subsequently disconnect the charging cable from the power outlet.

Before inserting the mirror in the PMD loosen the fastening screw.



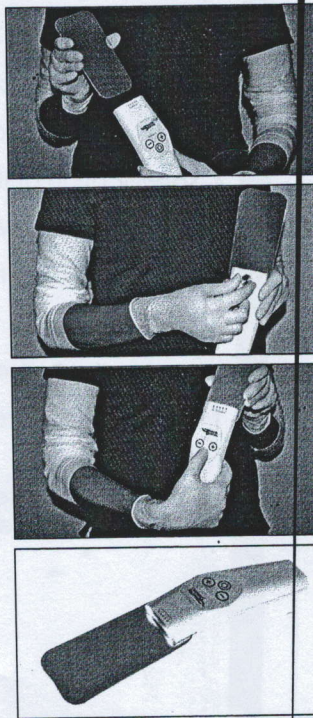
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Mirror is inserted between two rubber jaws of the clamping device.

By tightening the screw, the mirror is fixed safely to the device.

By pressing the button (power icon) ventilation and LED lighting are switched on or off at the same time. By pressing the (+/-) button, the air volume is gradually increased / decreased. After 30 seconds of runtime the current level setting will be saved automatically.

The photo-mirror-demister is now ready for use.



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Quality



Photo-Mirror-Demister (PMD)

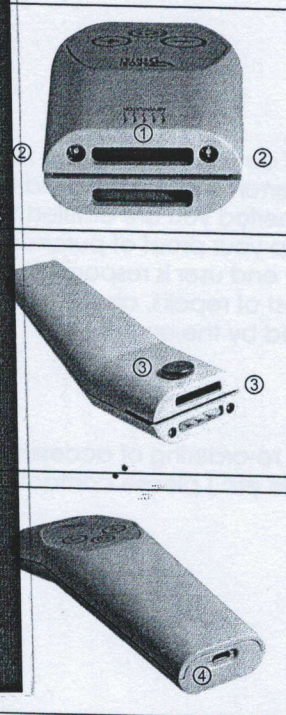
Mist-free Mirror Demister for intra oral photography

Operating Instructions

Please read the following operating instructions thoroughly before starting to use the device.

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PM-Demister overview



1. Air blower: Fogging of the mirror is prevented by means of a stream of air locally..
2. LEDs ensure a better illumination when setting the parameters for the planned photograph. The surface of the mirror is lit by the LEDs which allows for better focus in inadequate lighting conditions.
3. Mirror holder: the photograph mirror is safely fixated between two rubber pads with a fastening screw.
4. Micro-USB plug connection used to recharge the battery.

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Safety precautions

- Do not attempt to make repairs yourself. Repairs may only be carried out by Jakobi Dental Instruments.
- Please do not disassemble the device.
- Please only use the included original battery and original accessories.
- Do not short circuit and do not attempt to open the battery (risk of explosion).
- The unit cannot be sterilized.
- The surface of the PMD unit is disinfectable with disinfectant wipe **Bacillol® 30 Tissues**, manufactured by PAUL HARTMANN AG, Federal Republic of Germany or other similar disinfectant wipes.
- The included micro-USB charging cable is determined to be used only for the Photo-Mirror-Demister (PMD).

Contents of package:

1. Photo-mirror demister (PMD)
2. Lithium battery (3.7 V / 900 mAh)
3. Micro-USB Charging Cable & Connector
4. Operating instructions

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Guarantee of quality

One year from the purchase date.
Within this period all defects of the device that are due to faulty materials or manufacturing errors shall be repaired free of charge. During the guarantee period you are entitled to free repair or replacement. Please keep your proof of purchase for the entire guarantee period. If the end user is responsible for the occurrence of defects, the cost of repairs, also within the guarantee period, shall be covered by the end user.

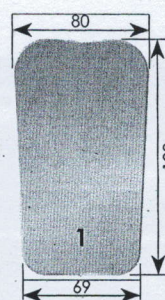
Additional services

To obtain Additional services, e.g. re-ordering of accessories (battery, micro USB charging cable etc.) please contact

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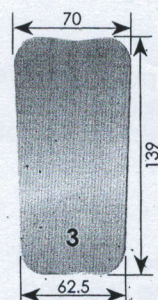
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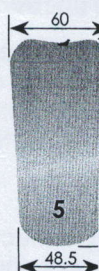
FSFDM01

Occlusal, Adult



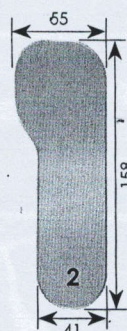
FSFDM03

Occlusal, Adult



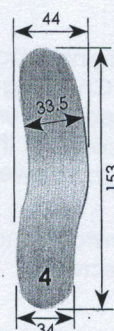
FSFDM05

Occlusal, Child



FSFDM02

Lateral/Oral, Adult



FSFDM04

Lateral, Child



FSFDM06

Lateral, Child

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Operational characteristics:

1. Lithium battery 3.7 V, 900 mAh
2. Charging time circa one hour
3. Operating time (completely charged battery): approx. 4 hours
4. Specification of the charge
 - a. Input current: WS 100~240 V, 50/60 Hz
 - b. Output current: 5 V, 1000 mA

Charging the Battery

To charge the battery, only use the original included USB charging cable.

Before the first use, the battery must be completely charged according to these instructions.

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Cleaning, sterilization and maintenance of instruments

Important information – read before using!

Before sterilization clean the instruments carefully (especially delicate ones) by hand or in a disinfection or ultrasonic cleaner. Strictly follow the producer's instructions. Improper operation and maintenance, as well as use for purposes other than intended, can cause premature wear and tear to the products. **Products are not sterilized at the moment of delivery!**

First use of new instruments

ALL INSTRUMENTS ARE DELIVERED AS UNSTERILE PRODUCTS AND THE USER MUST CLEAN AND STERILIZE THEM BEFORE USING!

Cleaning and maintenance

- We recommend that you wipe the photo mirror clean with a disinfection cloth after each use, after which you should sterilize it for 10 minutes in an autoclave at 134°C.
- Use only proper cleaning and disinfection solutions, strictly following instructions regarding dosage.
- Do not sterilize together instruments from stainless steel and those from other metals or materials. Doing so can cause oxidation spots.
- Rinse instruments thoroughly after cleaning with demineralized water. Remove any grating and fouling with a soft brush (never with a steel brush). If not removed, residue can cause corrosion or other damage during sterilization.
- Dry the instruments carefully before placing them in the autoclaves or hot air sterilization device. All instruments with hinges (tongs, shears, needle clamps, etc.) should be sterilized in an open position.
- Store the sterilized instruments dry, dust-free and away from chemical products. Avoid temperature variations.

Problems • Causes • Prevention

Spots

- If the photo mirror is kept too long in the autoclave, slight spots can appear on the surface (removable with a standard lime scale remover and a soft cloth)
- Insufficient mechanical or manual cleaning
- Influences of water — high chloride content causes damage (for information contact local water utility)
- Improper cleaning, disinfection and care for products
- Noncompliance with dosing instructions
- Contaminated sterilization steam
- Residue from medicine

Tarnish (iridescent surface discolorations) and water spots

- Over-concentration of mineral compounds, heavy metal ions and/or silicates in rinsing water and sterilization steam. Use only distilled water.
- Tarnish and water spots are not corrosion and must be removed by a strong abrading.

Corrosion

- Avoid improper, acidic or chlorine-based cleaners.
- Do not use stainless instruments in any phase together with even slightly rusty instruments or instruments with a damaged surface, to avoid contact.
- Corrosion can appear via water containing rust while cleaning or in the autoclave. Use only distilled water. Clean new autoclaves before using

Improper operation will result in voiding of warranty!