VAPORMED

Mighty+

MEDIC

INSTRUCTIONS FOR USE

Read carefully before using the device
and save these instructions.

CE 0123

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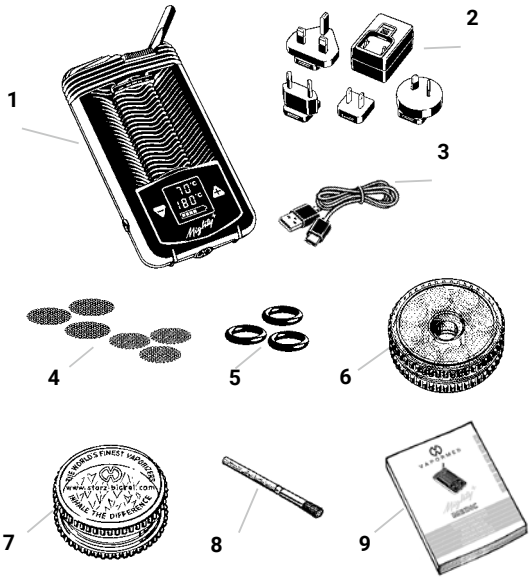
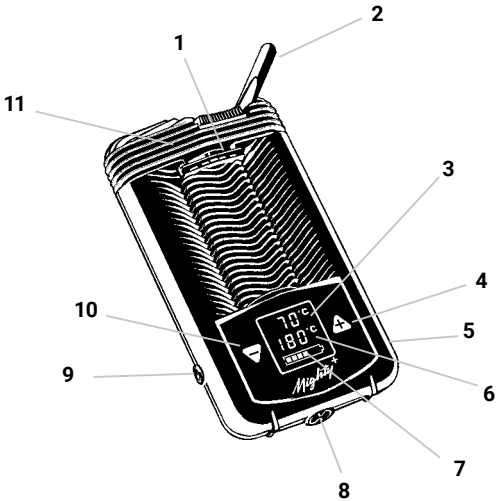
1.1 Scope of Delivery



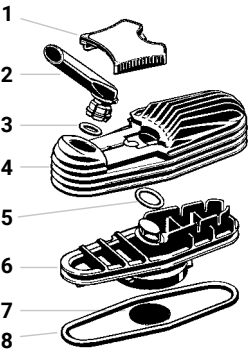
1 MIGHTY+ MEDIC Vaporizer
2 1 pc. USB Charger
3 1 pc. USB-C Cable
(USB Type C to USB Type A Plug)
4 3 pcs. Normal Screen, small
3 pcs. Coarse Screen, small
5 3 pcs. Base Seal Ring, small
6 1 pc. Magazine with
8 Dosing Capsules
7 1 pc. Herb Mill
8 1 pc. Cleaning Brush
9 1 pc. Instructions for Use

1.2 Functional Elements



1 Filling Chamber
2 Mouthpiece
3 Actual Temperature Display
4 Plus Temperature Button
5 USB-C Charging Socket
6 Set Temperature Display
7 Battery Charging Display
8 Filling Chamber Tool
9 ON/OFF Switch
10 Minus Temperature Button
11 Cooling Unit

1.3 Cooling Unit



1 Cap Lock
2 Mouthpiece
3 Mouthpiece Seal Ring
4 Cooling Unit Cap
5 Base Seal Ring (small)
6 Cooling Unit Base
7 Screen (coarse Mesh width)
8 Base Seal Ring (large)

1.4 Operating life

The MIGHTY+ MEDIC Vaporizer has an average expected operating life of:
- approx. 1,000 operating hours
- approx. 5 years

The batteries have an average expected operating life of
- approx. 500 operating hours
- approx. 2 years

1.5 Service

- In case of incomplete delivery, technical problems, questions about the device and its disposal, replacement of the batteries and in warranty cases please contact our Service Center:

  Storz & Bickel GmbH
  Service Center
  In Grubenäcker 5-9
  78532 Tuttlingen, Germany
  Tel.: +49-74 61-96 97 07-0 · e-mail: info@vapormed.com

- For service requests, start an RMA (Return Merchandise Authorization) process via our homepage: www.vapormed.com/rma.

2.1 Explanation of Symbols MIGHTY+ MEDIC

Please follow these instructions carefully!
(according to IEC 60601)

ON/OFF Switch

SN

Symbol for serial number - followed by the serial number of the medical product

Symbol for the manufacturer - the manufacturer's name and address are next to the symbol

The medical product was introduced after 13 August 2005. The product may not be disposed of in normal household waste. The X on the trash can indicates the necessity of disposing of this product separately. The Vaporizer contains a built-in rechargeable lithium-ion battery that must be discharged before disposal.

IP 22

The Vaporizer is protected by an angle of 15° against dropping water (IP 22). The Vaporizer should nevertheless be protected against moisture and rain. Do not use in the bathroom or above water.

Safety Category II device

CE 0123

EU conformity symbol: A 4-digit number after the CE marking indicates that a notified body is involved in the conformity assessment procedure.

REF

Symbol for order number - followed by the order number of the corresponding medical product (or part)

Safety tested and production monitored by TUEV SUED according to IEC 60601-1, CAN/CSA C22.2 No. 60601-1 and ANSI/AAMIES 60601-1.

Caution! Hot surfaces!
Do not touch metal parts!

Protect from direct sunlight.

Protect against moisture and humidity.

Interference may occur in the vicinity of equipment marked with the following symbol.

Application Part Type BF
The class "BF" (Body Float) applies to medical devices (application parts) that come into direct contact with the patient.

Temperature limits of ambient temperature

Humidity limitation

Air pressure limitation

INT:
7 on/30 off

Intermittent operation

2.2 Explanation of Symbols of the USB Charger

Safety tested and production monitored by TUEV SUED according to EN 60335-1.

UL Recognized Component Mark: This symbol indicates that the corresponding devices are listed by UL.

Safety Category II device

RoHS Restriction on the use of certain hazardous substances in electrical and electronic equipment

Efficiency Level 6
Efficiency of USB Charger

Symbol for FCC declaration of conformity
(electromagnetic interference approval in the USA)

DC (direct current)

2.3 Legend

➢ Bullet points

▶ Operating instructions

⇨ Result

2.4 Basic Rules

- ▶ These Instructions for Use must be kept for future reference. They are an integral part of the Vaporizer and must be made available to the user.
- ▶ Download the current version of the Instructions for Use from www.vapormed.com.
- ▶ Read these instructions carefully and completely before operating the Vaporizer, USB Charger and USB-C Cable.
- ▶ Always follow the instructions in these Instructions for Use when using and servicing the device.
- ▶ The Vaporizer is not intended for use with children and adolescents under 18 years of age. Adults may use the Vaporizer in accordance with the instructions for use or a physician's instructions.
- ▶ If the user is suffering from respiratory tract or lung disease, the device may only be used after consultation and with the consent of the treating physician. Depending on their density, the vapors may irritate the respiratory tract and lungs, which may cause coughing.
- ▶ Do not operate the Vaporizer unattended.
- ▶ Store and use the Vaporizer, USB Charger and USB-C Cable only at a sufficient distance from heat sources (oven, stove, fireplace, etc.) and in a dry place where the ambient temperature cannot drop below +5 °C (+41 °F).

- Do not expose Vaporizer and USB Charger to extreme fluctuations in ambient temperature. Condensation humidity could interfere with the functionality.
- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- Only use original Storz & Bickel accessories and spare parts.
- Do not use the Vaporizer, USB Charger and USB-C Cable improperly, incorrectly or unreasonably, as the manufacturer accepts no responsibility for any damage resulting from this.

2.5 Safety Recommendations

2.5.1 Risk of Injury due to electric Shock

- The Vaporizer, USB Charger and USB-C Cable must be switched off and disconnected from the power supply after use, before any maintenance work and during thunderstorms.
- Make sure that the USB-C Cable is not damaged by bending, crushing or pulling.
- Do not use multiple sockets and/or extension cables. Where absolutely necessary, use only products with a quality certificate (e.g. UL, IMQ, VDE, +S, etc.) if the stated power value exceeds the power requirements (A=Ampere) of the connected devices.
- Do not use the Vaporizer, USB Charger and USB-C Cable if they are damaged. Repairs may only be carried out by our Service Center. Attempting to repair damage yourself will invalidate the warranty. Our Service Center will replace a defective USB Charger or USB-C Cable.
- The Vaporizer, USB Charger and USB-C Cable must not be exposed to moisture and humidity.
- Keep the Vaporizer, USB Charger and USB-C Cable away from pets (e.g. rodents) and pests.
- Do not use the Vaporizer, USB Charger and USB-C Cable in a potentially explosive or flammable atmosphere.
- The Vaporizer is radio interference suppressed according to DIN EN 60601-1-2. Radiation-emitting devices (e.g. mobile phones) should not be operated in the immediate vicinity of the Vaporizer. In case of doubt, please consult qualified personnel. This spark suppression/EMC is only valid in connection with our certified Chargers.

2.5.2 Danger of Injury due to Burning / Vapors

- Do not touch hot surfaces of the Vaporizer (Filling Chamber) during operation and the cooling phase.
- Only use the Vaporizer with the Cooling Unit attached.
- Place the hot Vaporizer only on a solid and heat-resistant surface and make sure that it is not covered.
- Do not use the Vaporizer and USB Charger near inflammable objects such as curtains, tablecloths or paper.
- Do not close, cover or obstruct the openings of the Vaporizer during operation and the cooling phase.
- Before switching on the Vaporizer, ensure that all vapors, e.g. from flammable cleaning agents and disinfectants, have evaporated.

2.5.3 Risk of Injury due to various Causes

- A medical examination must always be carried out before treating illnesses.
- Be careful that small parts of the Vaporizer are not swallowed.
- Be aware of the danger of strangulation through the USB-C Cable.
- Monitor your symptoms (e.g., cough, shortness of breath, chest pain) during or after the usage and promptly seek medical attention if you have concerns about your health.

3 INTENDED USE, SIDE EFFECTS, CONTRAINDICATIONS

3.1 Intended Use

The Vaporizer is intended for vaporizing and then inhaling cannabinoids from hemp flowers (cannabis flos).

The goal is the application of the active ingredients in the human body via the alveoli for the appropriate medical indication.

It is suitable for the temporary inhalative application of cannabinoids prescribed by a physician for use at home, in a hospital, or doctor's office.

3.2 Side Effects

There are no known side effects from using the device.

There are no contraindications specific to the device.

3.3 Contraindications

However, if the user is suffering from respiratory tract or lung disease, the device may only be used after consultation and with the consent of the treating physician. Depending on the density, the vapors can irritate the respiratory tract and lungs, which can lead to coughing fits.

4 IMPORTANT INFORMATION ABOUT CANNIBOIDS

The Vaporizer ensures the highly effective, safe, and fast-acting application of cannabinoids.

At a certain dosage, cannabis can have a psychotropic (mind-altering) effect. Thus, there is a potential for abuse, which governments in nearly all countries of the world counteract with corresponding laws.

- Only use hemp flowers (Cannabis flos) prescribed by a doctor and available from a pharmacy. Otherwise, there is a risk of conflict with the law.
- Ask your doctor, pharmacist or, if necessary, the responsible authorities for information about the current legal situation at your place of residence.

Currently, patients in practically all countries, which allow the use of hemp flowers for medical purposes, get a prescription of a certain amount of dried hemp flowers. These hemp flowers are delivered either as whole pieces or already ground and have to be portioned and weight out by the patient according to the doctor's directive. In case the hemp flowers are not ground, they have to be ground with the included Herb Mill first.

Cannabinoids vaporize at temperatures over 180 °C (356 °F) and then form an aerosol with an average droplet size (MMAD) of 0.64 µm (micrometer) that can be inhaled and respired. The droplets are absorbed in the alveoli and enter the bloodstream (systemic absorption).

- If you have any questions about the medical use of cannabinoids or cannabis, contact your doctor, pharmacist or the manufacturers of medical hemp flowers (Cannabis flos).
- You can find more information about cannabinoids on our homepage: www.vapormed.com.

5.1 Storage and Transport Conditions

Ambient temperature:
-20 °C to +60 °C (-4 °F to +140 °F)

15% - 90%

Relative humidity of ambient air:
15% to 90%

700hPa - 1060hPa

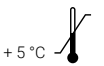
Atmospheric pressure:
700 hPa to 1060 hPa

5.2 Unpacking

- ▶ Check the Vaporizer for completeness using Chapter 1.1 "Scope of Delivery", page 5.
- ▶ Clean the Mouthpiece according to the instructions in Chapter 6.1 "Mouthpiece", page 24 before first use.
- ▶ Check the Vaporizer, USB Charger and USB-C Cable for externally visible damage.

5.3 Operating Conditions

Ambient conditions in which the specified aerosol characteristics are guaranteed:



Ambient temperature:
+5 °C to +35 °C (+41 °F to +95 °F)

15% - 90%

Relative humidity of ambient air:
15% to 90%

700hPa - 1060hPa

Atmospheric pressure:
700 hPa to 1060 hPa

5.4 Battery

NOTICE

Loss of warranty /
Damage to property if the battery is replaced independently

Damage to the Vaporizer due to improper opening.

- **Have the battery replaced exclusively by our Service Center**

5.4.1 Basic Explanation of the Battery Charge Display

➢ full battery: display of all six charging status fields

➢ battery almost empty: Slowly flashing battery frame

➢ The battery charge of the new product has a level of up to 80%.

5.4.2 Charging the Battery

▶ Fully charge the battery before first use.

▶ Connect the Vaporizer to a USB Charger or computer using the USB-C Cable supplied.

5.4.3 Explanation of the Battery Charge Display during Charging (depending on the Charger used)

▶ Comply with Chapter 9.3 "Technical Requirements for suitable Chargers," page 32 regarding various chargers.

5.4.3.1 Charging with the USB Charger

▶ Connect the Vaporizer to the USB Charger.

⇨ Vibration and lighting up of the display.

⇨ Ascending flashing charge status fields.

⇨ As soon as the battery is fully charged, all six charge status fields are visible.

5.4.3.2 Quick Charge (if supported by the Charger)

- ▶ Connect the Vaporizer to the USB-C Supercharger.
- ⇨ Vibration and lighting up of the display.
- ⇨ Ascending quickly flashing charge status fields.
- ⇨ As soon as the battery is fully charged, all six charge status fields are visible.
- ⇨ If the connected charger also supports pass-through operation, "dct" appears on the second line of the display for three seconds after connection (see Chapter 5.5 "Mains Operation",page 17).

5.4.3.3 Charging with a low Power Charger

- ▶ Connect the Vaporizer to the USB Charger.
- ⇨ Vibration and lighting up of the display.
- ⇨ Display indication in the second line: "SLO".
- ▶ Use a more powerful charger.

5.4.4 End of Charging Process

- ▶ When the charging process is finished, first disconnect the USB-C Cable from the mains supply and then from the Vaporizer.

5.5 Mains Operation (only possible with USB-C Supercharger)

When using the optionally available USB-C Supercharger, the Vaporizer can also be operated with a completely discharged battery.

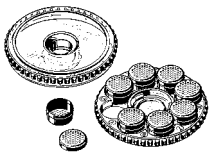
- ⇨ Irrespective of whether the Vaporizer is switched on or off, "dct" is shown on the second line of the display for three seconds after connecting the USB-C Supercharger.
- ⇨ The battery is not charged during this.
- ⇨ The Vaporizer switches off when the mains supply is disconnected if the battery is completely discharged.

5.6 Herb Mill

- Store hemp flowers in the refrigerator or freezer, as cooled or frozen hemp flowers are the easiest to crush.

- Place an approximately hazelnut-sized quantity of hemp flowers between the two mill bowls of the Herb Mill.
- Close the Herb Mill.
- Turn the Herb Mill back and forth 4-5 times.

5.7 Dosing Capsules (for single Use) and Magazine

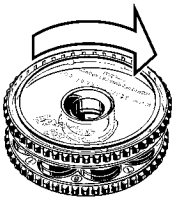


- Filled Dosing Capsules can be stored in the Magazine.

5.7.1 Filling the Dosing Capsule with the Aid of the Magazine Cap

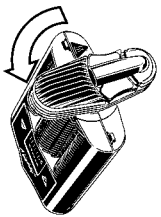
- Unscrew the Magazine Cap counter-clockwise.
- Place the Magazine Cap on the open Dosing Capsule.
- Push 50 - 150 mg crushed hemp flowers through the central opening of the Magazine Cap into the Dosing Capsule.
- Close the Dosing Capsule with its cap.

5.7.2 Filling the Magazine with Dosing Capsules

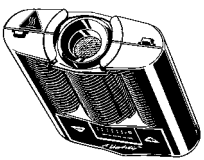


- Insert filled Dosing Capsules into the Magazine.
- Screw the magazine cap on clockwise.

5.7.3 Inserting the Dosing Capsule into the Filling Chamber



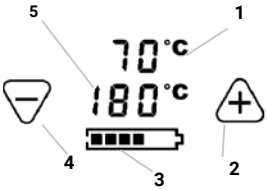
- Unscrew the Cooling Unit from the Vaporizer by turning it 90° counter-clockwise.



- Insert the Dosing Capsule into the Filling Chamber with the cap facing upwards.
- Screw the Cooling Unit onto the Vaporizer by turning 90° clockwise.

5.8 Heating Up

5.8.1 Display



1 Actual Temperature Display
2 Plus Temperature Button
3 Battery Charge Display
4 Minus Temperature Button
5 Set Temperature Display

5.8.2 Default Settings

The Vaporizer offers three factory preset temperature levels:

- Basic temperature: 180 °C (356 °F)
- Booster temperature offset: +15 °C (+27 °F)
  (relative to the basic temperature) corresponds to 195 °C (383 °F)
- Superbooster temperature offset: +15 °C (+27 °F)
  (relative to the booster temperature) corresponds to 210 °C (410 °F)

▶ Basic temperature and booster temperature can be changed individually, whereas the superbooster temperature is fixed.

▶ Start inhalation at 180 °C (356 °F).

▶ If one temperature level is no longer sufficient, change to the next level as described below.

5.8.3 Switching on

▶ Press the orange ON/OFF switch for at least half a second.

⇨ Vibration and lighting up of the display.

⇨ The display indicates the heating process by showing the set and actual temperatures. This can take up to two minutes.

⇨ A double vibration signal indicates that the basic temperature has been reached.

5.8.4 Base Temperature

▶ Switch on the Vaporizer.

▶ Press the plus or minus button.

⇨ Permanent change of temperature setting between 40 °C and 210 °C (104 °F and 410 °F).

- ▶ Press the plus button briefly.
- ⇨ Increasing the setpoint value in 1 °C (1 °F) steps.
- ▶ Press the minus button briefly.
- ⇨ Reducing the setpoint value in 1 °C (1 °F) steps.
- ▶ Press the plus or minus button permanently.
- ⇨ Continuous increase or decrease of the target value.
- ⇨ Display of the current temperature (actual temperature) on the display in the upper line.

5.8.5 Booster Temperature

- ▶ Switch on the Vaporizer.
- ▶ Double-click on the orange ON/OFF switch.
- ▶ Press the plus or minus button.
- ⇨ Permanent adjustment of the booster temperature offset (value range 1 °C to 170 °C (1 °F to 306 °F)).
- ⇨ A double vibration and a slowly flashing setpoint temperature display signal that the booster temperature has been reached.
- ⇨ Booster mode ends automatically 90 seconds after the booster temperature has been reached; the set temperature is then the basic temperature again.

5.8.6 Superbooster Temperature

- ▶ Switch on the Vaporizer.
- ▶ Click the orange ON/OFF switch three times.
- ▶ Press the plus or minus button.
- ⇨ Permanent adjustment of the booster temperature offset (value range 1 °C to 170 °C (1 °F to 306° F)), as the superbooster temperature offset is fixed.
- ⇨ A double vibration and a quickly flashing setpoint temperature display signal that the superbooster temperature has been reached.
- ⇨ Superbooster mode ends automatically 90 seconds after the booster temperature has been reached; the set temperature is then the basic temperature again.

5.8.7 Celsius/Fahrenheit

- ▶ Press the plus and minus buttons simultaneously.
- ⇨ Display changeover from Celsius to Fahrenheit and vice versa.

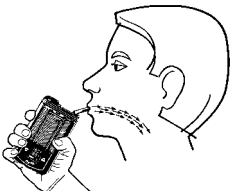
5.8.8 Reset to Default Settings

▶ Press the orange ON/OFF switch for 10 seconds.

⇨ A vibration and a reset animation indicate the reset.

⇨ The basis and booster temperature are reset to factory settings.

5.9 Inhalation



▶ Once the heating process is complete, start vaporization immediately.

▶ Fold out the Mouthpiece.

▶ Put the Mouthpiece between your lips.

▶ Inhale evenly for a few seconds and only half as much as possible.

▶ Hold your breath for a few seconds.

▶ Slowly exhale.

▶ Conscious concentration on the breathing process.

⇨ The cannabinoid aerosol is absorbed by the alveoli and thus enters the bloodstream.

⇨ The effect sets in after about 1-2 minutes and lasts for about 2-4 hours.

⚠ CAUTION

High intensity of vapors

Irritation of the respiratory tract/lungs

- **Reduce temperature.**

5.10 End of Inhalation

⚠ CAUTION

Hot surface of the Filling Chamber

Caution! Hot surface!

- **Do not touch the Filling Chamber until the Vaporizer has cooled down.**

- ▶ Press the orange ON/OFF switch for at least half a second.
- ⇨ Switching off is acknowledged by vibration.
- ▶ Let the Vaporizer cool down completely.
- ▶ Unscrew the Cooling Unit from the Vaporizer by turning it 90° counter-clockwise.

5.11 Disposal of the Dosing Capsules

- ▶ Dispose of the Dosing Capsule after use in household waste, as it is a disposable product.

5.12 Automatic Switching Off

- ▶ Three minutes after the last keystroke or the last application, the Vaporizer switches off automatically to conserve battery power.
- ⇨ Switching off is acknowledged by vibration.
- ▶ Press the orange ON/OFF switch briefly during operation.
- ⇨ Automatic switch off is reset to three minutes.

5.13 Storage

- ▶ Store the Vaporizer, USB Charger and USB-C Cable in a dry place away from the elements and out of reach of children or unqualified persons.

6.1 Mouthpiece

- **Medical practice and clinic:** Before the first use and after each use, prepare Mouthpiece for uncritical or semi-critical A - products (DGKH) in compliance with the generally recognized procedures of hospital hygiene.
- **Domestic use:** Clean Mouthpiece before the first use as well as after each use for at least five minutes in a lukewarm (40 °C - 50 °C (104 °F - 122 °F)) dishwashing detergent bath (use standard household detergent).

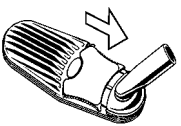
6.2 Cooling Unit

The Cooling Unit with Mouthpiece is intended for one person and can be used by that person several times. They must be free of deposits. Deposits on the inside of the Cooling Unit are caused by steam condensate. Cleanliness is a prerequisite for proper function.

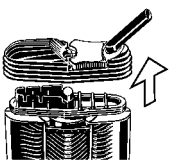
- Check the Cooling Unit with Mouthpiece prior to each use.
- Clean the Cooling Unit with Mouthpiece no later than 7 days after the last use and if deposits are visible on the inside of the Cooling Unit.

6.2.1 Disassembling the Cooling Unit

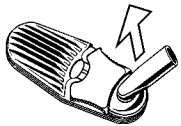
- Heat up the Cooling Unit for better disassembly, as the steam condensate can be sticky.



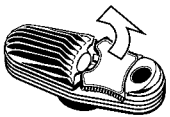
- Pull the Cap Lock towards the Mouthpiece.



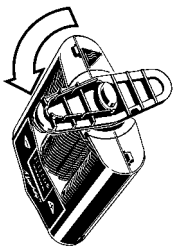
- Pull the Cooling Unit Cap off the Vaporizer.



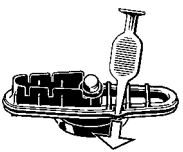
- Pull the Mouthpiece out of the Cooling Unit Cap while slightly tilting it back and forth.
- Pull off the Mouthpiece Seal Ring.



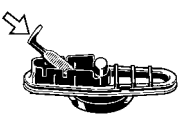
- When cleaning the Cooling Unit Cap in isopropyl alcohol, remove the cap lock by pulling it up on one side.



- Unscrew the Cooling Unit base from the Vaporizer by turning it 90° counterclockwise.



- Lever out the large Base Seal Ring with Filling Chamber Tool at the recess in the groove.
- Remove the small Base Seal Ring.



- Press the Screen with the Filling Chamber Tool from the top to the bottom out of the Cooling Unit base.

6.2.2 Cleaning the Cooling Unit and the Filling Chamber Screen

- Use Cleaning Brush and cotton swabs and paper or cotton cloths for manual cleaning.
- Use warm rinsing water or isopropyl alcohol as a solvent.
- Clean the Filling Chamber Screen and the Screen of the Cooling Unit with the Cleaning Brush after each vaporization.

6.2.2.1 Cleaning the Cooling Unit and the Filling Chamber Screen with rinsing Water

- Place all parts in warm rinsing water for at least 5 minutes.
- Rinse all parts under running water for at least 1 minute.
- If necessary, clean the Cap Lock with warm rinsing water.
- Let all parts dry completely.

6.2.2.2 Cleaning the Cooling Unit and the Filling Chamber Screen with Isopropyl Alcohol

⚠ CAUTION

Isopropyl alcohol is flammable and may easily ignite

Caution! Hot surface!

- **Follow the safety instructions of the isopropyl alcohol manufacturer!**

NOTICE

Material damage caused by improper cleaning

Bleaching of the Cap Lock Sticker.

Dissolving the adhesive of the Cap Lock Sticker.

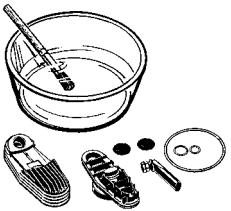
- **Wipe off the Cap Lock with Signet hologram only with isopropyl alcohol.**

NOTICE

Material damage caused by improper cleaning

Embrittlement of plastic parts.

- **Do not immerse plastic parts in isopropyl alcohol for more than 30 minutes.**



- Place all parts of the Cooling Unit (except the Cap Lock) and the Filling Chamber Screen in isopropyl alcohol for a maximum of 1/2 hour.
- If necessary, wipe the Cap Lock with isopropyl alcohol.
- Rinse all parts under running water for at least one minute.
- Let all parts dry completely.

6.2.3 Check the Cooling Unit Parts and the Filling Chamber Screen

- Check all parts for damaged surfaces, cracks, softening, hardening, embrittlement, contamination or discoloration.
- Discard damaged parts.

6.2.4 Assembling the Cooling Unit

⚠ CAUTION

Plant particles in the Cooling Unit
Clogging of the Cooling Unit
Inhalation of plant particles
- **Insert the Screen correctly into the Cooling Unit Cap.**

- Assemble the parts in reverse order.
- Insert the small Base Seal Ring completely into the Cooling Unit Cap.

⇨ The small Base Seal Ring is no longer visible.

- When assembling, make sure that Seal Rings are properly seated.
- Insert Screen in the groove provided for this purpose.

6.3 Filling Chamber

6.3.1 Cleaning the Filling Chamber

NOTICE

Material damage caused by improper cleaning

Penetration of isopropyl alcohol into the Vaporizer

- **Do not moisten cotton swabs too much.**

▶ Clean the Filling Chamber with a cotton swab soaked in isopropyl alcohol.

6.3.2 Removing the Screen

▶ If a Screen is clogged, it must be replaced.

▶ Press in the Screen, using the Filling Chamber Tool along the groove of the Filling Chamber.

⇨ The Screen bulges and detaches from the groove.

▶ Clean the Screen with rinsing water or isopropyl alcohol.

6.3.3 Installing the Screen

▶ Arch the cleaned or new Screen.

▶ Insert the Screen into the Filling Chamber with the curved side facing upwards.

▶ Press the Screen flat into the provided groove with the aid of the Filling Chamber Tool.

6.5 Cleaning the Vaporizer, the USB Charger and the USB-C Cable

NOTICE

Material damage caused by improper cleaning

Penetration of water into the Vaporizer, the USB Charger or the USB-C Cable.

- **Do not immerse in water or other liquids.**
- **Do not clean with direct water or steam jet or compressed air.**

- ▶ Switch off the Vaporizer.
- ▶ Disconnect the USB Charger and the USB-C Cable from the mains supply.
- ▶ Clean the housing of the Vaporizer and the USB Charger as well as the USB-C Cable only when dry or with a damp soft cloth.

6.6 Cleaning the Herb Mill and Magazine for Dosing Capsules

NOTICE

Material damage caused by improper cleaning

Damage to the surfaces.

- **Do not place Herb Mill and Magazine for Dosing Capsules in isopropyl alcohol.**

- ▶ Clean the Herb Mill and Magazine for Dosing Capsules in warm rinsing water.

Wear & Tear Set - SKU 06 02 MM
The Wear Part Set contains all spare parts required to replace the Cooling Unit.

Cooling Unit Set - SKU 11 17 / Cooling Unit - SKU 11 18
The Cooling Unit cools down the vapor and thus provides a pleasant temperature and an optimal aroma. To ensure cleanliness of the Cooling Unit, it should be replaced regularly.

Mouthpiece Set - SKU 11 11
The Set includes four Mouthpieces for the Cooling Unit.

Cap Lock Set - SKU 11 53
The Cap Lock fixes the Cap to the base of the Cooling Unit. The Set contains three Cap Locks.

Screen Set, small - SKU 11 12
The Set contains four Screens with coarse mesh width and two Screens with normal mesh width.

Coarse Screen Set, smal - SKU 11 40
The Set includes six coarse mesh Screens.

Normal Screen Set, small - SKU 11 03
The Set includes four normal mesh Screens.

Seal Ring Set - SKU 11 15
The Set contains all the sealing rings for the Cooling Unit and Filling Chamber.

Filling Chamber Tool Set - SKU 11 19
The various application options of the Filling Chamber Tool are described in these Instructions for Use.

Herb Mill - SKU 09 30 / Herb Mill XL - SKU 09 43
The Herb Mill has extra sharp cutting teeth for finely crushed hemp flowers.

Dosing Capsule Set, 40 pcs. -SKU 09 33 M
The crushed hemp flowers are filled into the Dosing Capsules.

Filling Set for 40 Dosing Capsules - SKU 09 45
With the Filling Set, 40 Dosing Capsules can be filled simultaneously with crushed hemp flowers.

USB-C Supercharger - SKU 11 47
Thanks to the four interchangeable plugs the USB-C Supercharger can be used almost anywhere in the world. The USB-C Supercharger enables fast charging of the battery and mains operation of the Vaporizer when the battery is empty.

You can find these and other accessories as well as detailed information about these products under https://www.vapormed.com or contact our Service Center: 0049-(0)7461-969707-0.

8.1 Possible Faults / Troubleshooting

Fault	Possible Cause	Remedy
Vaporizer cannot be switched on.	Battery is empty.	▶ Check battery display. ▶ Charge battery if necessary. ▶ Alternatively: Operate Vaporizer with Supercharger.
ERR 001	Battery temperature is too high.	▶ Let the Vaporizer cool down.
ERR 002	Battery temperature is too low.	▶ Move the Vaporizer to a warm environment. ▶ Do not heat the Vaporizer with an external heat source such as a stove, microwave or lighter.
ERR 003	USB Charger or USB-C Cable is not suitable.	▶ Use original Storz & Bickel accessories.
ERR 004	The Vaporizer is faulty.	▶ Switch off the Vaporizer immediately. ▶ Pull out the plug. ▶ Contact our Service Center.

8.2 Disposal

▶ Dispose of irreparable Vaporizer after the warranty period via the material cycle or send it to our Service Center.

9.1 MIGHTY+ MEDIC Vaporizer

Supply voltage: 5 VDC USB / 5-15 VDC USB-C PD

Power consumption: 45 W max.

Operating temperature: 5 °C - 35 °C (41 °F - 95 °F)

Temperature range: 40 °C - 210 °C (104 °F - 410 °F)

Size: 14 x 8 x 3 cm (5.5 x 3.2 x 1.2 inch)

Weight: approx. 242 g (0.5 lb)

Patents and designs: www.vapormed.com/patents

Subject to technical changes.

9.2 USB Charger

Manufacturer: EDAC

Supply voltage: 100-240 VDC

Output voltage: 5 VDC

Output current: 0.5 A - 1.0 A

9.3 Technical Requirements for suitable Chargers

- Chargers must comply with USB / USBC standard.
- Only use original Storz & Bickel Chargers.
- For general charging, a USB charger with at least 5 VDC / 2 A (12 W) is recommended.
- Technical requirements for supercharging:
  Charger must support USB-C PD and supply at least 9 VDC / 3 A (27 W).
- Technical requirements for pass-through operation:
  Use a supercharger or charger with USB-C PD support and 15 VDC / 3 A (45 W).

9.4 Information on Electromagnetic Compatibility

Information on electromagnetic compatibility in English can be found in the appendix; the respective national languages are published on our homepage www.vapormed.com.

10 COMPLIANCE WITH LEGAL AND NORMATIVE REQUIREMENTS

- Directive 93/42/EEC on medical devices
- Medical electrical equipment IEC 60601-1
- Medical electrical equipment: Requirements in home healthcare environment IEC 60601-1-11
- Medical electrical equipment ANSI/AAMI ES 60601-1
- Medical electrical equipment CAN/CSA-C22.2 No. 60601
- Electromagnetic compatibility according to IEC 60601-1-2

Notified Body:

TÜV SÜD Product Service GmbH
Ridlerstraße 65
80339 München, Germany

Manufacturer:

Storz & Bickel GmbH
In Grubenäcker 5-9
78532 Tuttlingen, Germany

11.1 Warranty

Storz & Bickel GmbH as the seller guarantees that the product is free of defects in accordance with the requirements of German law and with our General Terms and Conditions (GTC), which form the basis of the purchase contract. Of course, Storz & Bickel will only be subject to a warranty obligation if the customer has purchased the products directly from us. If products are purchased from third parties, warranty claims may only be asserted against these third parties, and Storz & Bickel cannot provide any information on the content of such claims.

In clarification, we would like to note once again, that the warranty extends only to correcting such initial defects that exist despite proper handling of the product in consideration of this Instructions for Use and further information provided to users. Normal wear or tear to the products – and especially to the batteries - is not considered a defect under warranty law. If the customer has commissioned third parties with completing maintenance or repair of the product, or if the customer uses external products, Storz & Bickel's warranty obligations will only exist if the customer can prove that the defect was not caused by use of the external service or external product.

Storz & Bickel will decide at its own discretion whether to correct a defect covered by warranty law through repair or by delivering a new product to the customer.

Any warranty claims must be directed to Storz & Bickel GmbH, In Grubenäcker 5-9, 78532 Tuttlingen, Germany.

Please send the complete defective item to us, not disassembled, with invoice. Please use external packaging that would prevent any damage during transportation.

In order to avoid misunderstandings, we would like to note that all information on our products provided in this Instructions for Use or elsewhere does not represent any guarantee of features or durability, unless we have expressly referred to a guarantee for such features or durability.

11.2 Liability

Storz & Bickel shall be liable for any damages caused to the customer by our products in accordance with German law and pursuant to our GTC. Under said provisions, we are only liable for damages caused by intentional action or gross negligence, unless such damages involve death, personal injury, or injury to health, or if the injury is related to a cardinal contractual obligation. In such cases, we will also be liable to the customer for simple negligence.

11.3 Copyright

1 Guidance and Manufacturer's Declaration – Electromagnetic Emissions

The MIGHTY+ MEDIC Vaporizer is intended for use in the electromagnetic environment specified below. The customer or the user of the MIGHTY+ MEDIC Vaporizer should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The MIGHTY+ MEDIC Vaporizer uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The MIGHTY+ MEDIC Vaporizer is suitable for use in all establishments including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

Emissions test	Compliance	Electromagnetic environment - guidance
Harmonic emissions IEC 61000-3-2	Class A	The MIGHTY+ MEDIC Vaporizer is suitable for use in all establishments other than domestic, and may be used in domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes, provided the following warning is heeded: **Warning**: This equipment/ system is intended for use by healthcare professionals only. This equipment/ system may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures, such as re-orienting or relocating the MIGHTY+ MEDIC Vaporizer or shielding the location.
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

2 Guidance and Manufacturer's Declaration – Electromagnetic Immunity

The MIGHTY+ MEDIC Vaporizer is intended for use in the electromagnetic environment specified below. The customer or the user of the MIGHTY+ MEDIC Vaporizer should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact discharge ± 15 kV air discharge	± 8 kV contact discharge ± 15 kV air discharge	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	± 2 kV for power supply lines ± 1 kV for input/output lines is not applicable	Mains power quality should be that of a typical residential, commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	Mains power quality should be that of a typical residential, commercial or hospital environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% U_T (100% dip in U_T) for 0.5 cycle 0% U_T (100% dip in U_T) for 1 cycle 70% U_T (30% dip in U_T) for 25/30 cycles 0% U_T (100% dip in U_T) for 5 s	0% U_T (100% dip in U_T) for 0.5 cycle 0% U_T (100% dip in U_T) for 1 cycle 70% U_T (30% dip in U_T) for 25/30 cycles 0% U_T (100% dip in U_T) for 5 s	Mains power quality should be that of a typical commercial or hospital environment. If the user of the MIGHTY+ MEDIC Vaporizer requires continued operation during power mains interruptions, it is recommended that the MIGHTY+ MEDIC Vaporizer be powered from an uninterruptible power supply.
Power Frequency Magnetic Field (50/60 Hz) IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Note: U_T is the a.c. mains voltage prior to application of the test level.

Guidance and Manufacturer's Declaration – Electromagnetic Immunity

The MIGHTY+ MEDIC Vaporizer is intended for use in the electromagnetic environment specified below. The customer or the user of the MIGHTY+ MEDIC Vaporizer should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
			Portable and mobile RF communications equipment should be used no closer to any part of the MIGHTY+ MEDIC Vaporizer, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz 6 Vrms ISM/Amateur Radio bands inside 150 kHz to 80 MHz	3 Vrms 150 kHz to 80 MHz 6 Vrms ISM Radio bands inside 150 kHz to 80 MHz	**Recommended separation distance:** $d = 1.2\sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 kHz to 2.7 GHz RF communication equipment inside 80 MHz to 6 GHz	3 V/m 80 kHz to 2.7 GHz RF communication equipment inside 80 MHz to 6 GHz	$d = 1.2\sqrt{P}$ 80 MHz to 800 MHz $d = 2.3\sqrt{P}$ 800 MHz to 2.7 GHz

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
			Where *P* is the maximum output power rating of the transmitter in watts [W] according to the transmitter manufacturer and *d* is the recommended separation distance in meters [m]. Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey [a], should be less than the compliance level in each frequency range [b].

Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

[a] Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the MIGHTY^{+} MEDIC Vaporizer is used exceeds the applicable RF compliance level above, the MIGHTY^{+} MEDIC Vaporizer should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the MIGHTY^{+} MEDIC Vaporizer.

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended Separation Distances between portable and mobile RF Communications Equipment and the MIGHTY+ MEDIC Vaporizer

The MIGHTY+ MEDIC Vaporizer is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the MIGHTY+ MEDIC Vaporizer can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the MIGHTY+ MEDIC Vaporizer as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter [W]	**Separation distance according to frequency of transmitter [m]**		
	150 kHz – 80 MHz $d = 1.2\sqrt{P}$	**80 MHz – 800 MHz** $d = 1.2\sqrt{P}$	**800 MHz – 2.5 GHz** $d = 2.3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance *d* in meters [m] can be determined using the equation applicable to the frequency of the transmitter, where *P* is the maximum output power rating of the transmitter in watts [W] according to the transmitter manufacturer.

Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Medical electrical equipment is subject to special precautions with respect to electromagnetic compatibility.

The relevant verification according to EN 60601-1-2 is available.

Manufacturer and Distributor:

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