

# Instruction Manual for miniVAP Vaporizer

By HERMES Medical  
Engineering SL.



For correct use of device, please read the following document carefully.

The user is not authorized to use the device outside the recommendations and descriptions in this manual.

**By HERMES Medical Engineering SL.**

Versión 2.0



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# General description of product

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**miniVAP®** devices are designed to provide the user with a safe, comfortable vaporization in any location, thanks to its simple, portable design.

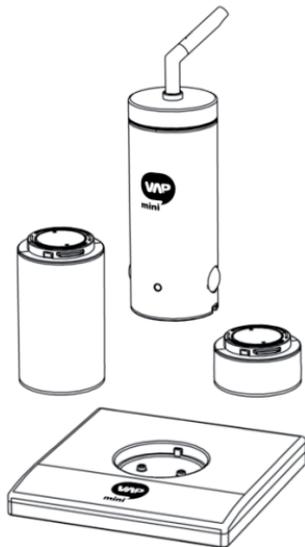
The on-demand, convection heating system is beneficial because:

- The amount of vapor produced is in direct proportion to how strong and long the inhalation is.
- Substances are only vaporized when being inhaled, reducing waste.

The **miniVAP®**'s small size is due to the use of Lilon batteries and the materials used, providing the safest and most optimal process of vaporization available.

In addition, the starter kit includes various accessories to customize vaporization and clean the product. All within a bag ideal for transport.

**miniVAP®** encourages you to enjoy a product of quality, advanced technology and exclusive design.



# Safety instructions

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Before starting up the device, please read the safety instructions carefully. If you have doubts about any function, we advise you to contact the seller. If the product was acquired through the **miniVAP®** store, please contact miniVAP support.

**miniVAP® is not responsible for damages caused by use of the device outside the recommendations and descriptions indicated in this manual.**

- The device must be **used and stored in a dry location**, protected from the elements.
- The device must be adequately ventilated to maintain correct **cooling**.
- The device must **never** be transported or stored when it is turned on. It should never be covered with materials that obstruct adequate ventilation.
- **Do not blow** into the top or inhale from the bottom of the MiniVAP vaporizer. Doing so can cause dirt to build up inside the unit and can damage the heater and/or battery.
- **Never put** anything **into the** vaporization chamber except those accessories designed for **miniVAP®**.
- **The device and charging dock** should be used on a flat, horizontal surface, away from humidity and heat sources.
- **Never put fingers inot the vaporization chamber when miniVAP® is on** for risk of suffering burns.
- **Do not use the device** while it is in the charging dock.
- Do not leave the device on **unattended or within reach of children**.
- We suggest you read the **recommendations on use of the battery**.

# Technical description of product

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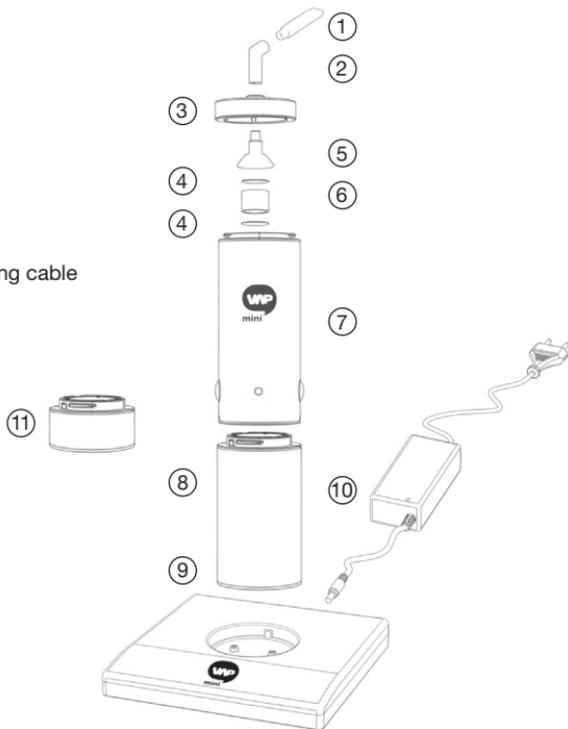
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|---|---|
| <b>Dimensions and weight of vaporizer:</b>  | Length 112 mm. / 4.4"<br>Diameter 50 mm. / 2"<br>178 gr. / 0,4 lb.                      |
| <b>Dimensions and weight of combined elements:</b><br><b>miniVAP® Portable:</b> vaporizer + battery + cover | Length 207 mm. / 8.2"<br>Diameter 50 mm. / 2"<br>480 gr. / 1 lb.                        |
| <b>Dimensions and weight of combined elements:</b><br><b>miniVAP Single:</b> vaporizer + battery + cover    | Length 142 mm. / 5.6"<br>Diameter 50 mm. / 2"<br>250 gr. / 0,45 lb.                     |
| <b>Temperature setting:</b>   | Digital, 4 levels of temperature  |
| <b>Battery indicator:</b>   | Rear light, 4 colors  |
| <b>Time of autofunction:</b>  | Up to 3 hours   |
| <b>Battery level indicator:</b>   | Rear light, 3 colors  |
| <b>Temperature range:</b>   | Between 170° C / 338° F and 230° C / 446° F.  |
| <b>Temperature regulation:</b>  | +/- 15° C / 59° F.  |
| <b>Tolerance to temperature adjustment:</b>   | +/- 5° C / 41° F.   |
| <b>Energy saving modes:</b>   | <i>Sleep mode (blue) at 10 minutes.<br/>Autoshutoff at 10 minutes after sleep mode.</i> |

# Product map

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The **miniVAP®** Vaporization system is composed of the parts shown in the diagram:

1. Mouthpiece
2. "Elbow" shaped tube
3. Cover
4. Metal screens
5. Cone
6. Vapor chamber tube
7. Vaporizer
8. Battery
9. Charging dock
10. Power block and feeding cable
11. Power adaptor

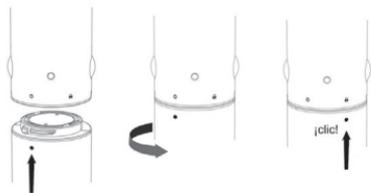


# Installation of the device

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See the diagram and connect the parts of the device according to the arrows.

- Hold the lower side of the cover with the upper side of the vaporizer, turning it clockwise until they are connected, tightening slightly.
- Connect the lower part of the “elbow” tube or flexible tube into the upper part of the cone, pressing lightly.
- To connect the vaporizer to the battery, align the circles printed on the rear part and turn the circular battery symbol toward the lock symbol of the vaporizer, until they are aligned and you hear a “click.”
- To connect the vaporizer to the power adapter, align the circles printed on the rear part of the vaporizer toward the Adaptor socket. Turn the adaptor until you hear a “click.”



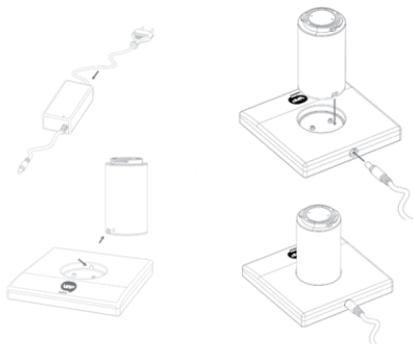
# Electrical connection: battery and adaptor

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To correctly start up the vaporizer it is necessary to perform the steps in the order that they are explained below.

## How to connect the power cable to the charging dock:

- Be sure that the plug (EU/UK/US) is correctly connected to the power source (230/110Vac, 50/60Hz).
- Check that the other end of the feeding cable is correctly connected to the power block. If the charger is correctly plugged into the grid, the power block indicator light will be green. (Don't put the battery in yet.)
- Plug the connector into the hole in the charging dock or Power Adaptor <sup>1</sup>. Check that the connector is firmly plugged in.
- When you put the battery in the charging dock, the power block displays a red light <sup>2</sup> (charging). When the battery is charged, the power block light is green.



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*1 The power block will indicate a red light when the vaporizer is consuming energy. It can vary in intensity or change to green if the vaporizer isn't consuming energy or has reached the selected temperature.*

*2 If you place the battery on the charging dock when it is not connected to a power source, the light will display green. (It's using energy from its own battery.)*

# Turning on the vaporizer

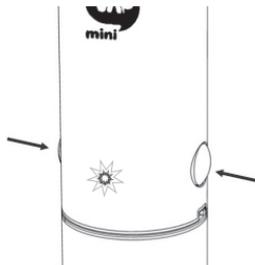
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Push both buttons for more than 1 second.

The device will begin to function and the front light will display a series of colors, indicating that it is starting up.

The front light will blink, indicating the color of the temperature selected.

When the temperature light stops blinking, the vaporizer has reached the selected temperature and is ready to use



# Battery level indicator

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When you connect the battery to the vaporizer and turn on the device, the rear indicator light will display the battery level.

**Green:** High.     **Orange:** Medium.     **Red:** Low



# Turning off the device

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To turn off the device, push the buttons simultaneously for more than 1 second. The front light will begin a sequence of colors and the device will shut down.

# Temperature adjustment

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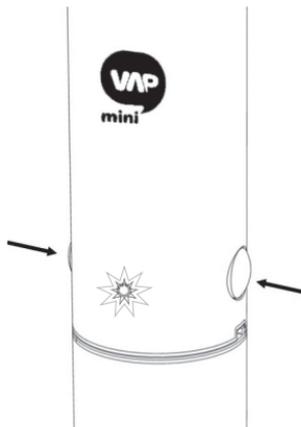
Push temperature buttons to raise or lower the vaporization temperature.

The front light will display the level of the temperature selected for five seconds:

- 180° C / 356° F (Blue)  
Releases an intense flavor and aroma.
- 195° C / 383° F (Pink)  
The majority of components of low vaporization.
- 210° C / 410° F (Green)  
Vaporizes all chemicals (including flavor and active components).
- 225° C / 437° F (Red)  
Produces a cloud of dense vapor.

The front light will blink until it reaches the selected temperature level.

**Now you're ready to use miniVAP®!**



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## Sleep mode

For safety and to conserve energy, 10 minutes after the last button push the device will display blue and stop heating. After another 10 minutes of inactivity the vaporizer will turn off automatically.

# Vaporization of substances with the miniVAP® vaporizer

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## Vaporization of solids

To vaporize a substance in solid form, we recommend using the baskets included in the **miniVAP®** accessory kit (Small “S”, or Medium “M”), to keep the vaporization chamber, the cone and the cover sufficiently clean. The plant must be ground to achieve optimal extraction. The basket must be completely covered. If the plant isn't completely ground or the basket isn't loosely filled, the air will circulate through the empty spaces.

## Vaporization of liquids

For vaporization of liquids we recommend that you use the filter for liquids included in the miniVAP accessory kit, the **miniVAP®** liquid filter.

Place the filter on a paper towel. With an eyedropper, put the liquid you would like to vaporize on the filter. The amount of liquid the filter will allow depends on the density of the liquid. If the paper towel gets stained, there is excess liquid in the pad that should be removed by pressing the filter against the paper towel.

**If the essence is very concentrated**, we recommend diluting it with at least the same quantity of water. Place the filter inside the vaporization chamber with the concave part facing upwards and close the top. Now your liquid filter is ready to vaporize.

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**Note:** We advise you to consult a specialist before using any substance in the device. When using essences or plant extracts it is necessary to be aware of the concentration and purity of the active ingredients, as there is a risk of intoxication. The quantity and density of the vapor that you obtain depends on the substance being vaporized, as well as the concentration of active ingredients that it contains and the duration of the inhalations <sup>(1)</sup>.

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*1. It is possible that some substances won't vaporize completely, however this doesn't mean you're not extracting the active ingredient.*

# My first steps with miniVAP®

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The basket or liquid filter can be placed directly inside the vaporization chamber or it can be connected to the flexicone or flexicone+ first.

Adjust the **temperature** of miniVAP® based on the results you'd like to obtain. If it's the first time you're using miniVAP, we recommend that you start from low to high (from blue to red). This way you can get a better idea of the different results you can achieve with the miniVAP®.

The best **extraction** takes place after 3-4 seconds of deep inhalation. miniVAP® functions almost 100% by convection heating, so there must be sufficient warm air circulating in the vaporization chamber to create vapor:

- The first and second inhalations normally don't produce visible vapor. although they do carry strong, pure flavor. The first current of warm air will bring the most volatile<sup>1</sup> chemical components. After 2-3 inhalations you should begin to see vapor.
- Stable temperature is important along with using slow, deep inhalations. If the inhalation is strong for more than ten seconds, the accumulation of vapor will be more dense and satisfying.

**⚠ WARNING.** miniVAP® is not responsible for the possible effects of inhaling vapor produced by putting a substance into the vaporizer.

*1. Flavor and aroma have a lesser point of vaporization than other therapeutic components.*

# Customization, care and cleaning of the vaporize

## Accessory kit

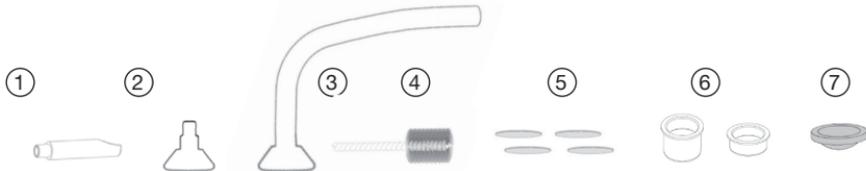
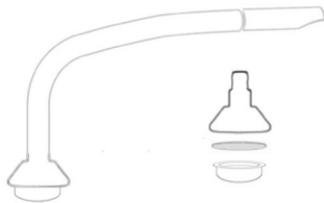
The product contains a starter kit to facilitate and customize vaporization. It also includes various spare pieces to substitute when those are dirty or broken from use, and a spiral brush for cleaning the vaporizer.

The kit contains:

1. Mouthpiece and rigid “elbow” piece
2. Flexicone
3. Flexicone+
4. Spiral brush
5. Metal screens (x4)
6. Baskets, small and medium
7. Filter for liquids

## Mouthpiece, “elbow” and flexicone+

- Provides movement of mouthpiece and elbow tube, in addition to the flexible tube, flexicone+, to make the vapor inhalation more comfortable, clean and pleasant.
- If you would like for the vapor to reach the throat at a lower temperature, we recommend that you substitute the rigid mouthpiece for the flexicone+.
- For proper hygiene we recommend that you use a different mouthpiece for each user that inhales from the vaporizer.



# Other accessories (not included in starter kit)

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## Decarboxylation kit

Comprised of two stainless steel rings that provide the advantage of increasing the heat by convection that provokes decarboxylation in some substances. At the same time, increases the density of the vapor extracted, with the disadvantage of losing nuances of aroma and flavor.

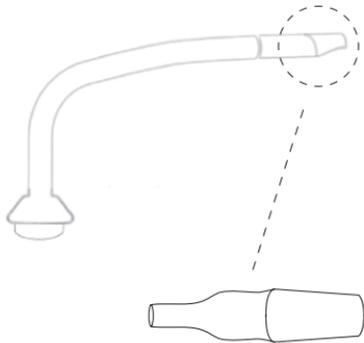
To install the decarboxylation kit, substitute the inner teflon rings of the vaporization chamber for the metal rings in the kit. Review the section on cleaning to learn how to take out the inner rings.



## Glass adaptor (standard 18mm)

Made up of borosilicate with with one 8 mm end and the other polished standard 18 mm. The glass adaptor connects the flexicone+ with a humidifier or bubbler with standard glass on glass 18mm connection.

The use of a humidifier or bubbler improves the experience of vaporizing at higher temperatures, as it lowers the temperature of the vapor and increases humidity.



# Cleaning sensitive pieces: filters, cone and mouthpiece

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After several uses it's possible that the device will become dirty due to solid particles and condensed oils.

- To clean the vaporizer disconnect the battery or adaptor. The vaporizer will be easier to clean if done while warm after use.
- Use the spiral brush to scrub the solid particles stuck to the walls of the interior vent and lower screen. In the same manner clean the basket and the screen of the flexicone.
- Using a flat screwdriver, push against the interior filter to extract the cylinder, the upper interior screens and the Teflon ring from the vaporization chamber. Leave them soaking in soapy water or alcohol. The following can be cleaned the same way: baskets, liquid filter, flexicone, flexicone+ and metal screens, elbow tube and mouthpiece.



These pieces are made with materials that won't break down due to home detergent, ethyl alcohol or isopropyl alcohol.

Before reassembling the device, the parts must be rinsed thoroughly with water. Use them once they're dry.

We recommend you replace the flexicone and flexicone+ after approximately 20-30 uses. They can be cleaned just the same but their color will be more opaque. You can put the vaporizable materials directly in the vaporization chamber, but remember to clean it frequently, as it will accumulate flavor and residue from previous vaporizations.

# Recommendations for prolonging battery life

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The life of the battery depends on various factors. For this reason we recommend:

- Charge/discharge the battery completely at least once a week or every 20 uses
- Do not expose the batteries to temperatures above 35° C / 95° F.
- Connect the battery only to devices (vaporizer or charger) supplied by **miniVAP®**.
- The ideal operating temperature is between 15° C / 59° F and 30° C / 86° F. The ideal charging temperature is between 10° C / 50° F and 25° C / 77° F.
- If you don't use the battery for more than two weeks, keep it half charged in a cold location (if it's completely discharged, charge it for 20 minutes).

## Warning!

**The batteries contain Lithium, a material that must be recycled. When the battery is used or has lost most of its capacity, it should be turned in to any seller of the product so that it gets to miniVAP®.**

If the product was acquired through the official **miniVAP®** web, we recommend that you go to the support section of our web or send an email to **support@minivap.com**.

We will explain to you how to recycle and replace the cells of your miniVAP battery.



# Product Warranty

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The vaporizer comes with a two year warranty against manufacturing defects.

The warranty doesn't cover damages or defects caused by improper use of the device. Neither does it cover replacement of the Lilon battery, as battery life depends on factors of use and conservation of the device unrelated to manufacturer.

Our repair service provides repair of **miniVAP®** vaporizers. To request this service please contact the seller or through the Support section of our website.

**miniVAP® is not responsible for repairs handled outside our technical service. In such a case the user will lose the warranty or right to repairs.**

# Product registration

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The product is identified by a serial number and model number, printed on the outside of the vaporizer, the battery and the power adaptor.

**To register the product you should access your miniVAP® user account and fill in the fields relevant to product registration.**

**Registering the product Registration has the following advantages:**

- Easier and faster processing should the unit need to be repaired.
- Promotional offers only for registered users.
- Be the first to find out about new **miniVAP®** products and events.



The active components are important to remember:

A state of happiness and mental fullness, a quiet and organic environment,  
a creative and psycho-subtle activity and a pleasant companion;  
Will make all your sensations more intense.

We hope this helps improve your **miniVAP**<sup>®</sup> experience!



[www.minivap.com](http://www.minivap.com)