

AQUAVOLTA®

Hydrogen Infuser 8 H₂ Inhalator

MANUAL

Drinking Hydrogen water breathing Hydrogen gas

- 600 seconds!
- hydrogen in a few seconds.
- since 2016.

The Hydrogen Infuser & H2 Inhaler produces 100 ml Hydrogen gas per minute for preparation of hydrogen-rich beverages or for inhalation of Hydrogen with a nasal inhaler. With the corresponding Hydrogen quirler can fully saturated hydrogen water (1.6 mg/l) be produced in 90 sec. For this other Hydrogen boosters need at least

• Since the hydrogen drink produced does not come into any contact with electricity and electrodes, other drinks such as juices, milk, soups can also be enriched with

• Inhaling 100 ml/minute (1/3 inhaling - 1/3 pause - 1/3 exhaling) creates within 10 minutes a litre of pure hydrogen energy in your body. This is the true power nap, whether in the office, while watching TV or while sleeping. Hydrogen inhalation and the drinking of hydrogen-rich water has been a megatrend in Japan



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Intended purpose

The hydrogen generator produces 100 ml of purest hydrogen gas per minute and can be used for two functions

- Production of hydrogen-rich 1. beverages
- Inhalation of hydrogen 2.

Scope of delivery

The larger of the two packages contains the hydrogen generator with inhalation accessories.

The smaller package contains the hydrogen infuser (quirler) with the accessories for the production of hydrogen-rich beverages.

The infuser only works if it is connected to the hydrogen generator.







Overview H2-Generator

- 1. Switching sensor
- 2. Window for function control
- 3. Tank cap of refill tank for double distilled water
- 4. Hydrogen outlet nozzle with cap
- 5. Valve for O2 outlet
- 6. Connecting socket for H2-water quirler
- 7. Socket for mains plug



Generator accessories



- 1. Nose inhaler 2. Mains cable
- 3. Power supply unit
- 4. Connecting cable
- 5. Water collector
- 6. Water filter

Commissioning 1

Screw on the water refill tank and fill with double distilled water up to the line marked on the left.

Then insert the water filter and turn the cover of the water tank back in.







Commissioning 2

2. Plug the adapter of the power supply unit into the lower right socket and connect the power plug to the power supply unit and a 220 volt socket.

A blue flashing light on the switch sensor indicates that a test of the device functions is being carried out.





3. Open the flip-cap above the H2 outlet. Then open the O2 valve by pulling it upwards a little.



O₂ outlet to be pulled

Comissioning 4 Very important! Do not interrupt this process!



4. Gently shake the unit 4-5 times to remove any remaining air bubbles from the unit. Then press the sensor switch for **5 seconds** to start the activation mode.

The activation process takes 2 hours. Meanwhile the blue sensor lamp flashes. The O2 valve must be pulled out. This process is also necessary if the device has not been used for a long time.

Preparing to inhale

1. Insert the curved short hose of the water collector into the open H2 outlet.

2. Firmly push the end of the nasal inhaler onto the second outlet of the water collector.

3. Tighten the nasal inhaler on the back of the head as shown on the right.











Pressing shortly on the sensor button starts the release of hydrogen into the nasal inhaler. The sensor lights up blue. Press again to stop. After two hours the device stops automatically. So you can work, watch TV, play cards and even sleep. If there is not enough water in the device, it beeps and a red LED light lights up. Then it's time to refill the water tank with double-distilled water.





O_2 outlet must always be open when quirling!



- ml mark.
- input socket.
- H2 output of the inhaler.
- sensor key.
- button.
- with hydrogen.

Quick guide Infuser mode:

1. Fill the drink exactly up to the 400

2. Tighten the lid and release the H2

3. Connect the H2 input socket to the

4. Connect the power to the inhaler.

5. Start hydrogen generator with

6. As soon as bubbles rise in the quirler, start quirling with the on/off

7. The vortex quirler stops after 90 seconds. Water is then fully saturated

8. Other drinks: Stop the quirler after 10 to 30 seconds with the on/off switch. Hot drinks up to 60 degrees C can be whirled for up to 60 seconds.

The Hydrogen Infusor quirler bottle



The water or other desired non-carbonated drink (tea, juice, milk etc.) is filled exactly up to the 400 ml mark (1) into the quirler bottle. The lid of the quirler is turned to the indicated position (2). The quirler is then connected to the hydrogen generator using the short hose (3) from the quirler accessories. The oxygen outlet must always be open!

The current for the quirler is supplied via the connecting cable from the hydrogen generator. Attention: The plugs (4) (5) are sensitive and may only be inserted with the white arrow pointing upwards. First the hydrogen generator is started via the sensor key (6). The oxygen outlet (7) must be open. Then secondly the quirler with the start button (8). Production (9) stops after 90 seconds. If you have bubbled beverages other than water with hydrogen, clean the bottle immediately after use with water at 60° and a mild detergent. Shake well and rinse with clear water.



Not just water!

Classic hydrogen water devices such as the popular hydrogen boosters subject the water to electrolysis to draw hydrogen gas from the water and enrich it with this popular gas. However, electrolysis excludes beverages other than water because direct contact with the electrodes can lead to undesirable chemical reactions in juices, teas, milk, coffee or the like. Therefore in hydrogen boosters or water ionizers only operating with water makes sense and everything else is strictly forbidden.

The Aquavolta® Hydrogen Infuser, on the other hand, produces hydrogen from the purest laboratory water with a purity of almost 100%. The liquid quirled with hydrogen in the Infuser has thus no electrode contact and no unwanted chemical reactions take place. This opens the hydrogen world for people who don't just like to drink water. **Only carbonated beverages are not allowed**.



Maintenance signals

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• Water level warning: The LED is permanently red and a beep sounds. Please refill the tank with double distilled water.

- Water in the supply line to the nasal inhaler or quirler: The LED blinks red and a beep sounds.
- Briefly press the sensor button to switch off the light and please dry the nasal inhaler. If necessary, replace the nasal inhaler with a new one.
- If more water than marked has accumulated in the water container, empty it.



Filter change

- If the LED flashes blue, the filter must be changed.
- First switch off the device at the switching sensor.
- Unscrew the cover of the water tank and replace the removable filter.
- Screw in the water tank cover again and briefly press the sensor button. The blue light stops flashing after a beep.



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Please note:

01. Please use only original filters for replacement.

02. Only pour double distilled water (laboratory water) into the tank.

03. The nasal inhaler must not be used by the same person for more than 1 month and must be replaced at the latest then.

04. During operation, steam or condensate may be released from the nasal inhaler. Simply shake it out.

05. Never connect the nasal inhaler directly to the appliance, but always insert the water collector between the appliance and the machine. Otherwise water could get into your respiratory tract.

06. The correct operation of the appliance is indicated by gas bubbles rising in the window. The maximum hydrogen production starts after approx. 5 minutes.

08. If you want to transport the device over long distances, please do not forget to tightly close the flip-cap of the H2 outlet and the oxygen outlet so that no water can escape.

09. We recommend to use the device at least once a day. If you do not want to use it for more than 2 weeks, you should pour the water out of the tank. The two-hour activation must then be carried out before restarting the system.

10. The activation process must also be carried out if you have the impression that too few bubbles are rising in the viewing window.

11. If you fill too much water (higher than marked) when refilling it, the water may splash out through the outlets. Then remove excess water until at the mark.

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Safety instructions

- 01. Before switching on, the valve for the O2 outlet must be pulled upwards.
- 02. Only use the unit in a ventilated room and keep heat away from it.
- 03. Make sure that the power plugs are firmly plugged in.
- 04. The unit must be horizontal. Otherwise the tilt protection sensor could cause a forced switch-off.

05. If the unit overheats, it switches off automatically. A red and blue LED flash alternately in the viewing window. Then briefly press the switching sensor to switch off the LEDs and wait until the device has cooled down before restarting.

06 If the tank is overfilled, remove the excess water. When wiping the appliance, make sure that there are no water drops, especially on the ventilation grille on the back.

07. The unit always switches off automatically if faults occur. Pay attention to the displayed LEDs and the instructions in this manual. If the unit does not restart despite correct operation, please contact your dealer's service representative. Do not open the unit yourself under any circumstances.

08 Children and persons with impaired consciousness must operate the device with a person who is familiar with the operating instructions.

09 If you feel unwell during or after use of the product, do not continue to use it.

10. The use of open fire in the room (fireplace) in which you use it is prohibited. Ventilate the room before each use of the inhaler.

Core technology: PEM electrolysis





Security technology -Pressure sensor

Even at the slightest risk of too much hydrogen escaping, the generator immediately switches off automatically. If the nasal inhaler blocks or if you put just a little bit too much water into the infuser, hydrogen production stops until the operating error is corrected. This is made possible by the pressure controller inside.



The quirler for perfect galenic H₂

- A unique cavitation-promoting high-speed vortex technology ensures that the hydrogen saturates much faster in the liquid than with other techniques.
- The hydrogen is drawn into the water by a tornado-like vortex, which reduces large bubbles to microbubbles.









Transfer of hydrogen

If hydrogen is dissolved in water, it can easily penetrate food and prevent and even reverse oxidation processes when storing and transporting.

In the process, the food placed in such water becomes more electron-rich, as can be measured by a significantly lower redox potential.

A reduction of the redox potential (ORP) is regarded as a quality and freshness factor in food analysis. Here is an example of two halves of a tomato. The upper half was soaked in hydrogen water from the H2 Infusor for 15 minutes. The lower half was not.

The gain is 0.51 Volt!



Hydrogen Infuser & H₂ – Inhalator



- Hydrogen output: 100 ml/minute (+/- 10 %)
- Hydrogen purity (certified): > 99.995 %
- Process water: Double distilled water or laboratory water. < 5 μs/cm
- Input voltage of the external power supply: Alternating current 100-240 V /50 60 Hz •
- Power consumption: < 60 W
- Dimensions of the hydrogen generator (L x W x H): 130 x 120 x 203 mm
- Weight of the hydrogen generator (unfilled): 900 g
- Dimensions of the hydrogen infuser bottle: (L x W x H): 77 x 77 x 210 mm
- Filling quantity of the hydrogen infuser bottle: 0.4 L
- Empty weight of hydrogen infuser bottle: 390 g
- Power supply of the hydrogen infuser bottle: 12 V