

INSTRUCTION MANUAL



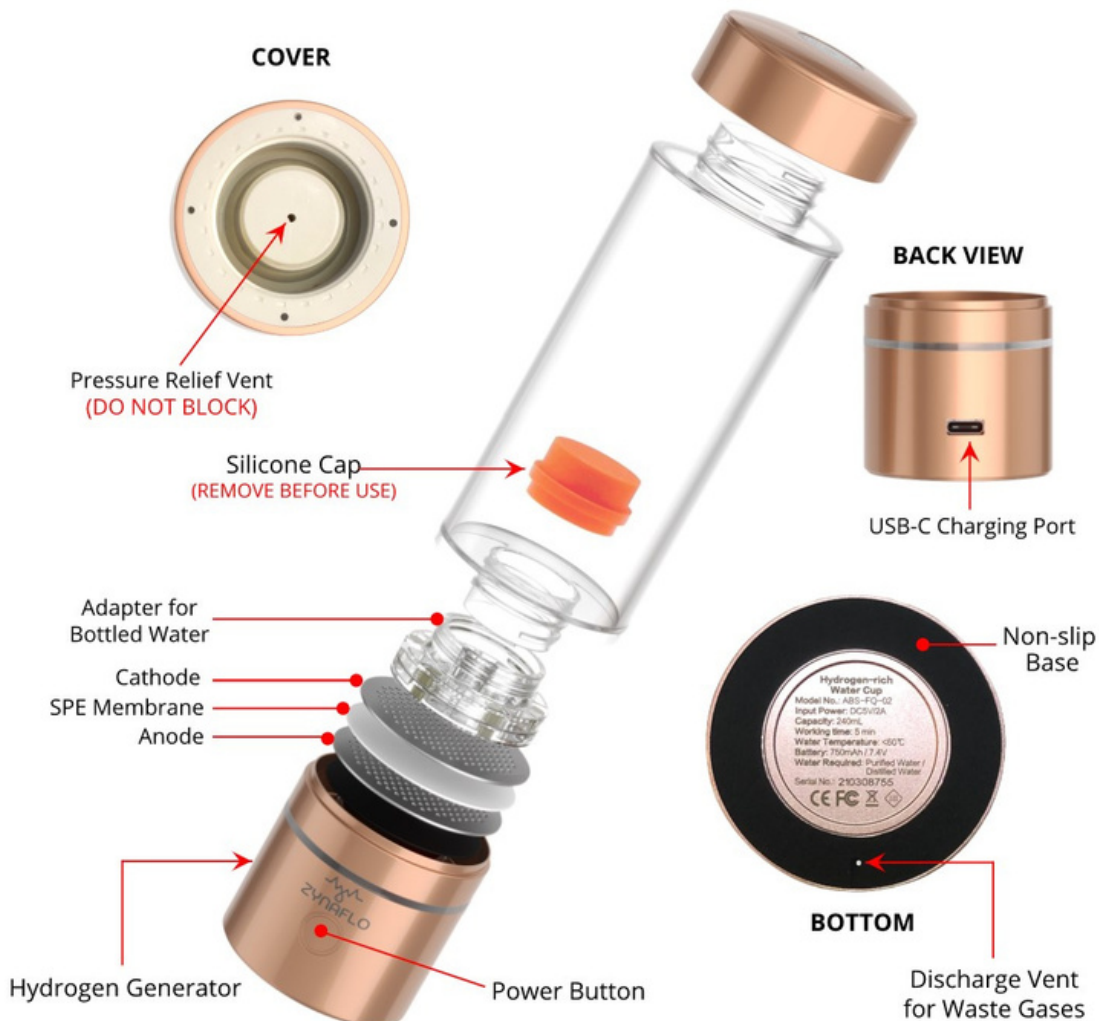
HYDROGEN WATER GENERATOR

BY ZYNAFLO

Key Features

- High hydrogen concentration.
- Patented cross-mesh electrodes using Solid Polymer Electrolyte (SPE) membrane by DuPont® (USA).
- Separates and expels harmful by-products like chlorine, ozone and oxides
- Electrode plates made from Titanium and coated with Platinum; Titanium is non-toxic and Platinum is non-reactive, hence it will not rust.
- Cup body is made from food grade Polycarbonate that is 200x stronger than glass to prevent breakage.
- Light and portable - ideal for home, office and travel.
- Uses USB Type-C for fast charging and ease of connection.
- One-click easy operation.

Parts



IMPORTANT INFORMATION:

- The delicate SPE membrane needs to be moist at all times for optimum hydrogen production. **Thus the hydrogen bottle is shipped with some water in the generator beneath the silicone cap.**
- DO NOT pour boiling water, carbonated drinks, alcohol, tea, coffee or water above 140°F (60°C) into the bottle as it will cause damage to the membrane.

Before First Use

- Remove the orange silicone plug.
- Fill the bottle with water and let it soak for 30 mins to moisten the SPE membrane. **If the membrane has completely dried up during transit please let it soak for 24 hours.** (NOTE: It takes about 2 weeks for hydrogen generation to reach full production potential)
- Pour water away and rinse with clean water.
- Fully charge hydrogen device using USB cable provided.

To Operate

1. Fill bottle with clean drinking water. (For highest hydrogen concentration fill to the top of the bottle just below the pressure relief vent).
2. Press and hold the power button for 2 secs to activate hydrogen production. Device will stop automatically after 5 mins followed by 3 beeps to alert you that hydrogen production is complete.
3. Drink it as soon as possible. Dissolved hydrogen dissipates quickly.
4. During hydrogen generation, if for some reason you need to turn it off before the cycle ends, simply hold the power button for 3 secs. (This step is not required for normal operation)

NOTE: This device operates at high pressure. DO NOT activate more than twice continuously as extreme pressure buildup will damage the membrane and electrolytic cell.

How Much Hydrogen-rich Water Should You Drink

1. For sufficient health benefits drink at least 3 bottles daily.
2. There is no harm in drinking more. It enhances therapeutic benefits and improves hydration. H₂, being the smallest molecule in existence, gets absorbed very quickly in our body. Any excess is simply exhaled and does not over-accumulate in the body.

Charging

- Operation light flickers red when battery is low.
- Connect the charging port to a standard 5V USB charger using the USB cable provided. During charging, operation light is red. (Note: charger is not included)
- Full charge takes about 2 hours. When fully charged, light turns green. Turn off charger and disconnect USB cable.
- To prolong battery life:
 - Do not leave the hydrogen generator plugged in to the charger all day.
 - Once in a while allow battery to be completely discharged before charging.

Cleaning

- Clean the hydrogen generator using citric acid or white vinegar once every 2 weeks. (Citric acid / vinegar kills bacteria)
- Dissolve 1 part of citric acid or white vinegar in 3 parts of water.
- Fill the bottle with the dissolved solution. Shake the bottle a few times and let it soak for at least 3 hours, preferably overnight.
- Pour cleaning solution away and rinse bottle thoroughly.

Note: Our saliva contains bacteria. If you drink directly from the bottle, wash the bottle body with dishwashing liquid daily. (Before washing it detach the bottle body from the generator device)

Using Hydrogen Generator With Bottled Water

This is a useful function for traveling or outdoors where you do not have access to clean water. The hydrogen generator can be used to generate hydrogen directly into bottled water.

1. Fits bottles with cap size 1.2 inches (30 mm) in diameter.
2. Make sure the fit is good before operating the device.
3. Leave 1-inch (about 3 cm) of air space inside bottle for hydrogen gas to expand.
4. Cover the membrane with the silicone cap after use.



Step 1

1. Unscrew bottled water cap
2. Hold bottle upright
3. Attach the hydrogen generator by turning it clockwise



Step 2

1. Turn bottle/hydrogen generator over
2. Check for leaks
3. Operate hydrogen generator normally

Warranty

Your ZYNAFLO Hydrogen Generator comes with **12-month warranty** to cover any defects except for those caused by misuse or scratches to external surfaces.

Register your product warranty at: zynaflow.com/warranty

If you find any problems with the product or have any questions, please email us at: support@zynaflow.com with your **full name** and **Order ID**. We will do whatever it takes to resolve them.

Do's & Don'ts

- Use clean water, preferably filtered, purified, or bottled water. It keeps the electrodes and membrane clean.
- Drink it immediately, preferably within one hour.
- Clean the bottle with citric acid or white vinegar once every 2 weeks.
- Keep the membrane and electrodes wet at all times.
- Keep away from children, pets, heat or flames.
- **DO NOT fill the bottle with hot or boiling water.**
- **DO NOT fill the bottle with ice, juices, alcohol or carbonated beverages.**
- **DO NOT operate the hydrogen generator without water in the bottle.**
- **DO NOT place the hydrogen generator in the refrigerator.**
- **DO NOT submerge the entire generator unit in water.**
- **DO NOT use chemical cleaners to clean the device.**
- **DO NOT wet the charging port.**
- **DO NOT leave the hydrogen generator plugged to the charger all day.**

Specifications

Capacity: 240ml

Bottle Material: Food Grade Polycarbonate

Color: Rose Gold

Membrane Material: DuPont Nafion™ 117 SPE Membrane

Hydrogen Concentration: Between 2.5 to 3.5 ppm (2500 to 3500 ppb)*

Power Input: DC 5V / 2A

Operation Duration: 5 minutes

Duration to Full Charge: 2 Hours

Battery: Lithium-ion 750mAh / 7.4V

Dimensions: 2.4"(D) x 7.6"(H) / 60mm(D) x 193mm(H)

Net Weight: 0.73 lb (329 gm)

**Depending on water quality and level of water in the bottle*

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