

Health And Hydrogen

# **Operating Manual**

# HAH-3000



# **Safety Notice**

#### Keep away from fire

Smoking is prohibited during use, and open flames are strictly prohibited to pre- vent any potential danger



Prohibition

#### It is forbidden to repair or disassemble the product without authorization.

Non-professional maintenance person- nel are prohibited from privately repair- ing and disassembling the machine, as it may result in fire, electric shock, and other hazards.



#### **Confirm voltage**

Before use, please ensure that the volt- age meets the product's requirements.



! Notice

Please do not place any sundries around the machine to prevent block- ing the gas outlet, which can lead to excessive temperature and cause the machine to shut down or a decrease in the concentration of gas. Grease or grease-like substances must not be used in any part of the machine to avoid contaminating the gas outlet and posing a danger. When the machine is in operation, all gas outlets must be kept unobstructed. Do not block the gas outlet or bend the nasal pipe.

Prohibition

#### Ventilation

The machine should be positioned in- doors in a well-ventilated area, away from direct sunlight.

Prohibition

Notice

Please select an appropriate indoor en- vironment when the machine is in oper- ation. The room temperature should not be lower than 10°C or higher than 30°C, as excessively low or high temperatures may result in the machine not function- ing properly.!



After delivery, the machine must not be placed upside down or laid flat. When not in use, ensure the water is drained and replaced. For transport, empty the water tank to avoid damage.

Prohibition

#### Prohibit to use non-original accessories

Using non-original accessories for the machine is prohibited to prevent damage to the machine.



When the machine is not in use for an extended period, please turn off the power and disconnect the power plug.



) Notice

### **Safety Precautions**

- 1. Ensure that the power plug is connected to a properly labeled power outlet with the voltage matching the rating plate.
- 2. If the wire becomes damaged, it must be replaced by a qualified service technician.
- 3. Verify that the power outlet is correctly connected, and avoid using the plug under heavy loads to prevent overheating.
- 4. Maintain a minimum distance of 20-30 cm between the machine and walls or other objects.
- 5. Avoid pushing, bending, squeezing, hitting, or inserting sharp objects into any part of the machine.
- 6. Turn off the power before cleaning or performing maintenance on the machine.
- 7. Please unplug the power before cleaning the machine.
- 8. To clean the product's body, use a soft, dry cloth to remove dust and dirt from the surface.
- Tip: If the contamination is severe, you can use a damp cloth to gently wipe off the surface, but do not use rough materials.

# **Usage Precautions**

# Instructions for First Use and Adding Water

Before the initial use of the product, please add 2.5 L of distilled water (with less than 1 TDS) to the machine's water tank and let it sit for 5 minutes. Then, open the drainage outlet, drain for approximately 15 to 20 seconds, close the drainage outlet, and start the machine. When adding water to the machine, if 2.5 L is correctly added, you can avoid overfilling. A funnel can be used to add the water if needed, to prevent water from overflowing into the interior of the machine, which could lead to equipment damage.

! Notice

Recommendation: Use disposable tubes, assign them for individual use, and if you intend to reuse an tube multiple times, please sterilize it in hot boiling water and then reuse it, or replace it with disposable nasal accessories.

# There is Water Dew in the Machine

Regarding the machine exhibiting water dew: Each machine undergoes testing before leaving the factory, and there might be a little water in the window or in the water tank. If you receive a machine with water dew, this is normal. If you notice excessive water dew on the ma- chine, simply wipe it off with a dry cloth and allow it to dry.



Before using it daily, please empty the water from the water container to pre- vent an excessive amount of water in the water trap from flowing into the nostril pipe and affecting the gasflow.

!) Notice

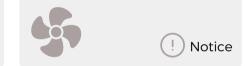
#### Change the water

It is necessary to change the water to clean the tank and flush out any impurities. Therefore, it is recommended to change the water in the machine once every 6 months.



# Ensure Timely Heat Dissipation

The machine should not operate contin- uously for more than 8 hours. Please turn off the power switch after 8 hours of op- eration, allow the machine to dissipate heat, and restart it after a 1-hour break. It is not advisable to run it continuously for extended periods to prevent damage to the machine.



# Warning

1. Do not insert or manipulate plugs with wet hands.

Notice

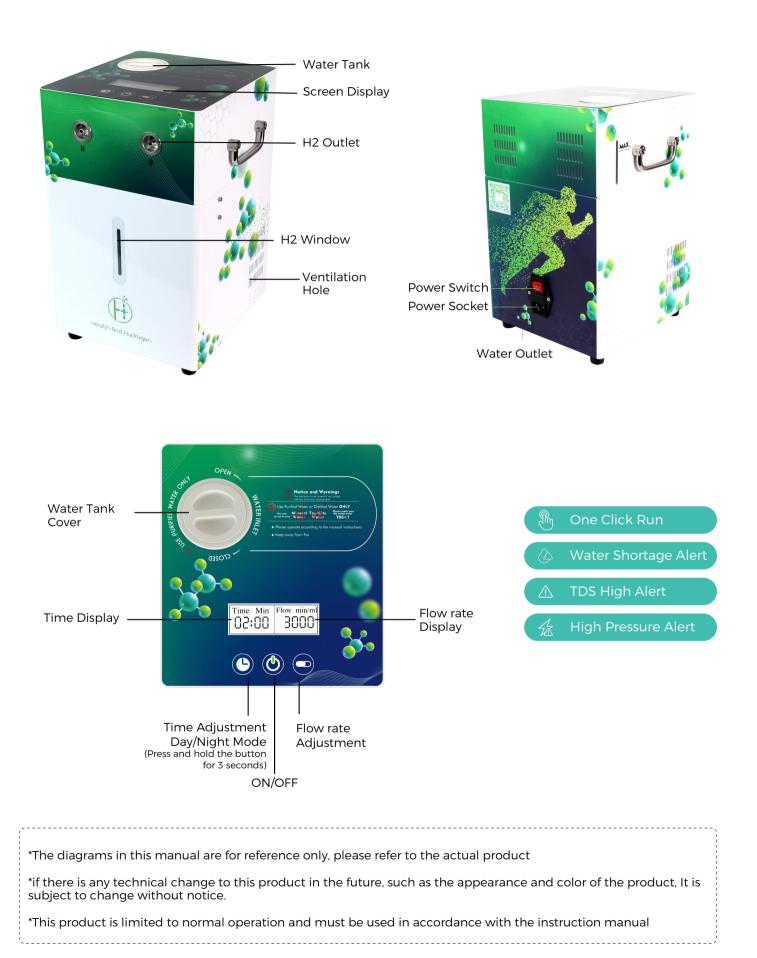
- 2. Do not use water, liquids, cleaners, or any flammable substances to clean or spray on this product.
- 3. Do not use an extension cord unless approved by local authorities.
- 4. Do not attempt to disassemble, repair, or modify the equipment.
- 5. If not using this product for an extended period, please unplug the power plug.
- 6. Do not use this product in environments with significant temperature fluctuations.
- 7. If this product emits abnormal sounds, burning odors, or smoke, immediately disconnect the power plug in a safe manner and contact the technical support center.
- 8. If the plug is not suitable for the socket, please contact qualified personnel to install an appropriate power socket.
- 7. Do not arbitrarily change plugs or use adapters.

# **Advantages**



Product Specifications				
Product Type		99.99% Hydrogen	Oxy-hydrogen 2:1	
Flow Rate		1000/2000/3000 ml/min		
Size		235*353*360mm		
Noise		<50db		
Voltage		110V/220V		
Capacity		<150-500W		

#### **Product Introduce**



# **Quick Operation Guide**



**Step 1.** Connect the power supply, turn on the power switch, the red light is always on.



**Step 2.** Hold the handle and turn it counterclock wise to unscrew the tank cover as shown.



**Step 3.** After unscrewing the water tank cover, add 2.5 liters of Pure distilled water (less than 1 TDS), keeping the level 5-6 cm below the mouth of the water tank. The device gives the voice prompt: "The water level is high."



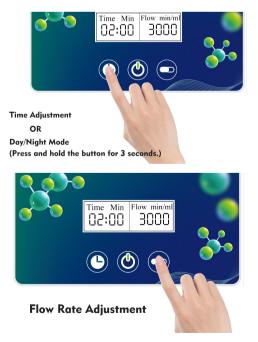
**Step 4.** Open the water outlet and drain the water for 15-20 seconds.



**Step 5.** In the first use, after adding water to the high level, remove all caps from the gas outlets, screw off the cover of the drain outlet to release water about 15-20 seconds (during the normal use, only give the pure water for the machine and don't need to do this step). When draining water, pay attention to observe the state of the water, water must be released until the water flow continues to flow and without bubbles. Notice: Also if you cleaned up the water tank for the maintenance of the ma- chine after 6 months of using, pls do step 4. again before run- ning the machine. The device damage caused by undoing this step is not covered by the warranty.



**Step 6.** Click the on-off button to running the machine. The outlet is connected to the nasal cannula and can be used.



**Step 7.** Click the day /night button on the right to switch the mode (day mode: lights on, voice broadcast; night mode: lights off, mute); Click time adjustment button on the left to adjust the using time.

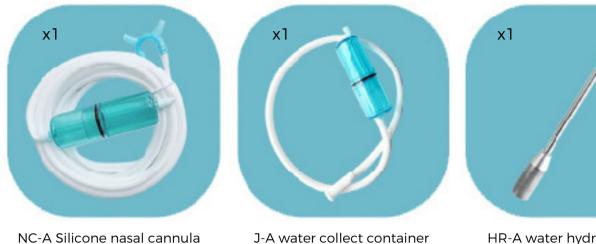


**Step 8.** During your use, if any water remains in the water collector, it can be rotated and sep- arated to two sides according to the "Figure" to pour out the excess water.

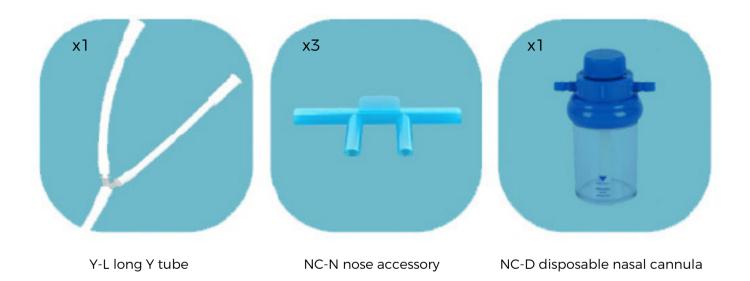
# **Screen Display Instruction**



#### Accessories with machine



HR-A water hydration rod



#### **Precautions**

- 1. It is strictly prohibited to aim the hydrogen outlet at the open flame to avoid danger.
- 2. Particularly: in order to maintain the machine better, it is recommended to fill the water to the highest level before use. The machine will automatically stop running when there is no water, and can start after adding water.
- 3. Do not use inproper water which TDS>1 such as mineral water, city water, home filter water and so on.
- Please do not tilt the machine to a great angle when moving, so as to avoid water flow out. 4.
- Do not disassemble the machine at will. 5.



Figure of nasal cannula wearing

Hydrogen only

Oxy-hydrogen

- 6. Nasal cannula suggest to be used after hooked to the running machine for 3-5 minutes in order to remove its material smell. High temperature disinfection is recommended after re- peated use
- 7. When using a humidification bottle, keep the water at the lowest level, pour out the excess water in time, and tighten the cap to prevent air leakage. If the water continues to in- crease in the humidification bottle, or water continuously comes out of the oxygen outlet, please check if the water level in the water tank is too high. If the water tank is too full, it is necessary to drain some water from the bottom drain of the device.
- 8. When using nasal cannula, regular disinfection (such as boiling water heat disinfection) or replacement of nasal cannula (at least once a month) shall be implemented, and one person shall have one tube and mustn't use together.
- 9. Do not block the heat dissipation outlet so as to avoid damaging the machine due to the poor heat dissipation.
- 10. The water tank shall be kept clean, and the water shall be changed for every months or when machine alert TDS is high. The tank shall be cleaned and added fresh pure water if the machine hasn't been used for a long term.

Water tank cleaning: turn off the power supply when changing the water, unplug the plug, pour out the excess water from the tank, add a small amount of pure water, shake and then pour the excess water again, and then implement the drainage operation according to step 4 and 5 of the operation guide.

#### **Maintenance Method**

Water cleaning process (to be done once every 6 months)

**Step1** Drain out the complete water from the water tank. **Step 2** Fill 2.5 liters of pure water into the water tank. **Step 3** Drain the water completely from the tank.

**Step 4** Repeat the process one more time for thorough cleaning.

Repeating the operation for 2-3 times

#### Q: Why you have no gas-out feeling when using the machine?

A: It's very normal to have no sensation in the nose when hydrogen gas is coming out. Hydrogen breathing does not feel like the sensation of oxygen machine. The air flow of oxygen machine is generally several times that of hydrogen machine, which can not be compared with each other.

.....

#### Q: Why is there only one hole of nasal fitting in the water to output hydrogen?

A: This is normal, it's not the problem of machine or nasal cannula, because the hydrogen is the lightest gas and its characteristics makes it go though the less pressure side first, the user can try to keep two holes of nasal fitting in the water in the same level and they will output bubbles together.

#### Q: Must you add pure water?

A: The TDS content in other water does not meet the requirements of the machine, if other water damages the equipment, it is not included by the warranty.

#### Q: How to simply test if your machine is working well?

A: The user can put the nasal cannula which hooked on the machine in a cup of water, to check if it is bubbling well.

#### Q: What if you have more questions about hydrogen breathing?

A: The user can check our service webiste to get the popular science Q&A materials launched by experts and scholars.

Dear customers,

Thank you for purchasing our products. Please ensure to read the instructions carefully before use the machine so as to avoid unnecessary damages. In case of failure, you can consult the after-sales service department of our company, and we will provide you with excellent maintenance service.

We will give you a reply in the shortest possible time. Thank you very much!

### **After-sales service instructions**

If the machine suffers a troubleshooting process

- 1. Please contact the after-sales service and consult the relevant staff.
- 2. The product purchased for in 1 year can be guided or returned for repair with free maintenance, and the purchaser shall pay the shipping cost.
- 3. The product purchased for more than 1 year can be guided or returned for repair, and the purchaser shall pay the maintenance cost, shiping cost, etc.

- <u>&gt;</u>		Warranty Card
	Product Model	
	Purchasing Date	
	Customer Name	

Maintenance Record	

Address



# Want to see how it's done?

Scan the QR code and watch the tutorial on our YouTube channel

