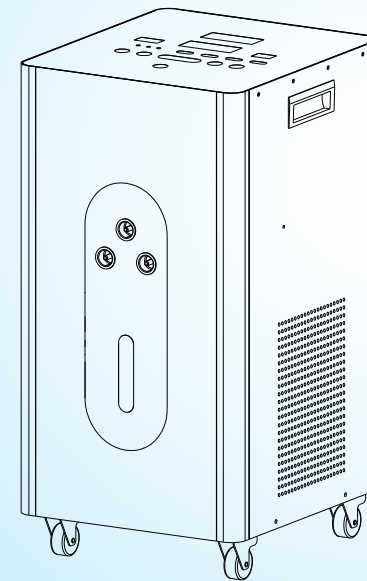


# Hydrogen Oxygen Generator

## User Manual



Please read this user manual carefully before using and keep it properly. The pictures are for reference. Please refer to the purchased products.

# CONTENTS

Product parameter .....	P01
Function & Feature .....	P01
Main unit .....	P02
Packing List & Warranty period .....	P03
Schematic of the control panel .....	P03
Operation .....	P09
Notice .....	P12
Safety .....	P13
Troubleshoot .....	P14
Warranty card .....	P15

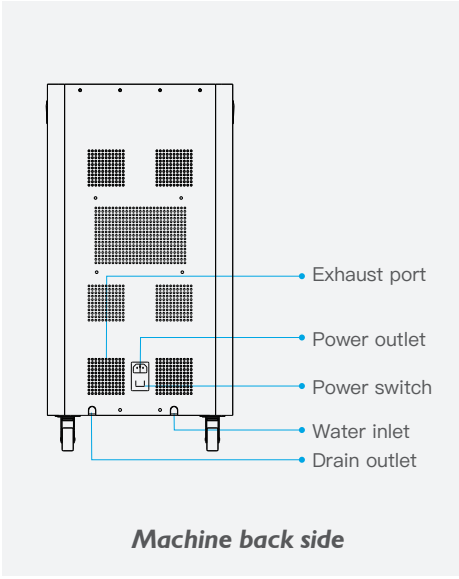
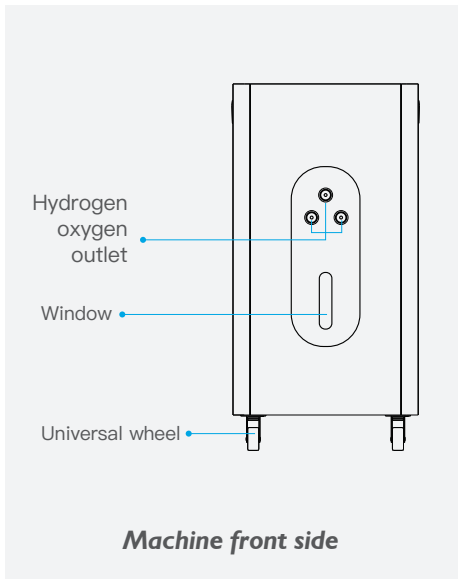
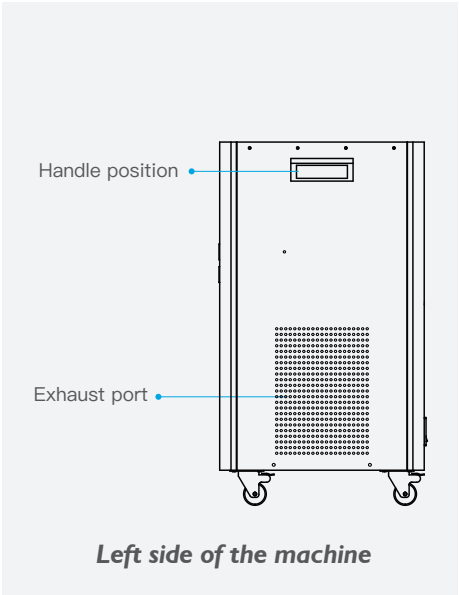
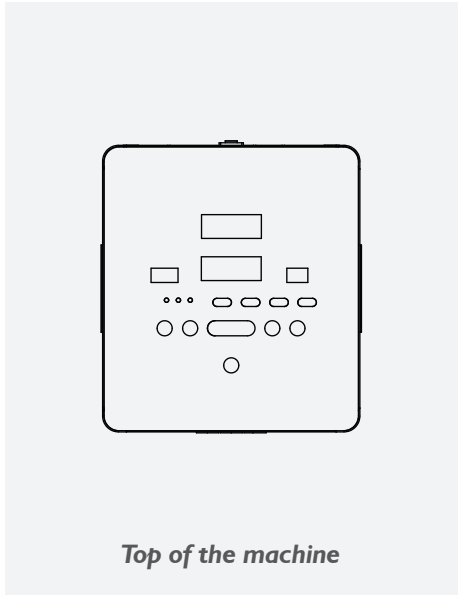
## Product parameter

Product name	Hydrogen oxygen generator
Product model	GY-HX6000
H2 flow rate	4000ml/min
O2 flow rate	2000ml/min
Rated power	1600W
Tank capacity	5L
Hydrogen concentration	99.996%
Maximum pressure	0.5Mpa
Power input	100V-220V 50Hz/60Hz
Product size	330x360x634(mm)
Water requirement	Purified or distilled water ( TDS<5)

## Function & Feature

- ① 99.996% H2 gas output, high purity of hydrogen inhalation.
- ② The H2 flow is 4000ml/min, O2 flow is 2000ml/min.
- ③ TDS water quality testing function is built into the water tank to monitor water quality.
- ④ Intelligent protections against “Full Water”, “Low Water”, “Over Heat”, “Over Pressure”.

# Production Introduction

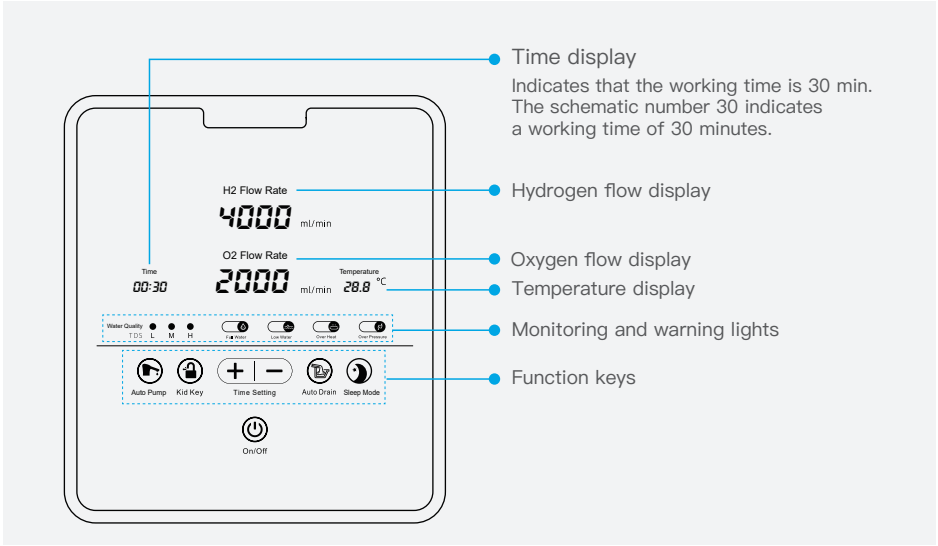


\* The schematic diagram is for reference only, and the actual object shall prevail.

# Packing List & Warranty Period

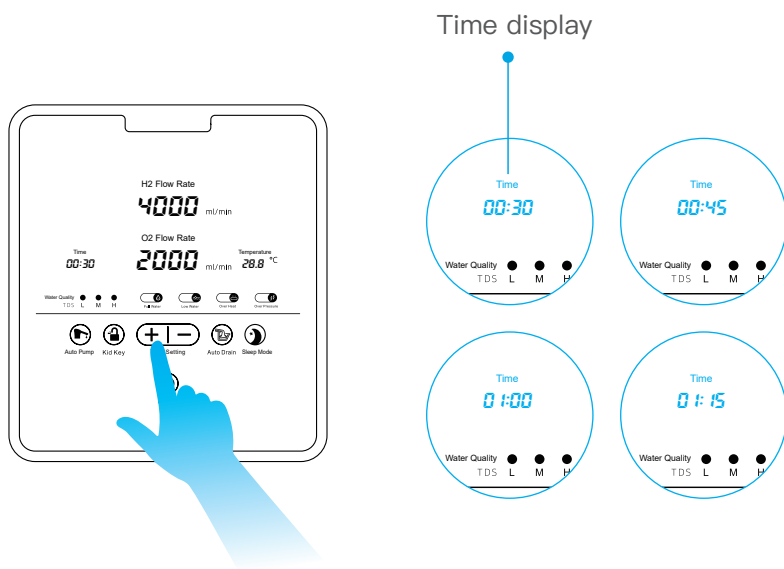
No.	Accessory	Quantity	Remark
1	Main unit	1 PC	
2	Power cord	1 PC	
3	Nasal cannula	2 PC	
4	Gas outlet connection tube	1 PC	
5	Auto pump pipe	1 PC	
6	Auto drain pipe	1 PC	
7	User manual	1 PC	
8	Water collector cup	1 PC	

# Schematic of the control panel



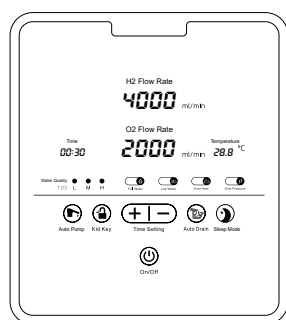
## ① Time Setting

The adjustable time range is 15 minutes to 8 hours. Press the “+” button to increase the working time, and press the “-” button to reduce the working time. The gradient is 15 minutes, and it is displayed as 15 minutes, 30 minutes, 45 minutes, 1 hour, 1 hour and 15 minutes, 1 hour and 30 minutes, and increases to 8 hours.

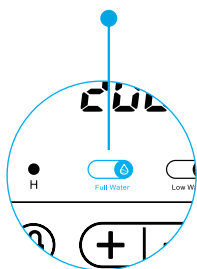


## ② Full Water

When the water in the tank is over the maximum water level, the machine will stop working. “Full Water” indicator will light up and the flow rate display will show “E4”.

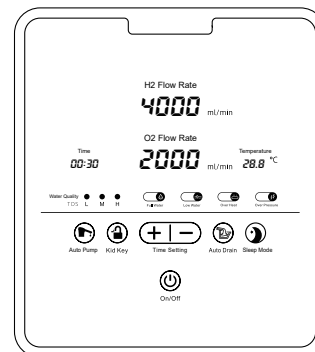


“Full Water” icon lit

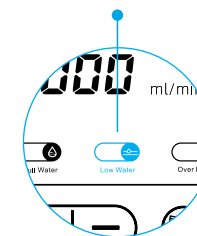


## ③ Low Water

When the water in the tank is below the minimum water level, the machine will stop working. “Low Water” indicator will light up and the flow rate display will show “E1”.

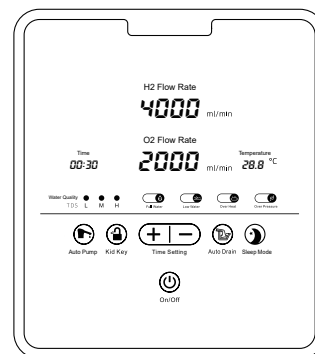


“Low Water” icon lit

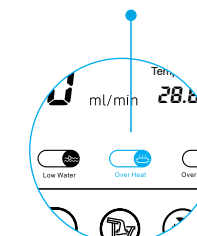


## ④ Over Heat

When the temperature of the electrolyzer is abnormal, the machine will stop working. “Over Heat” indicator will light up and the flow rate display will show “E2”.

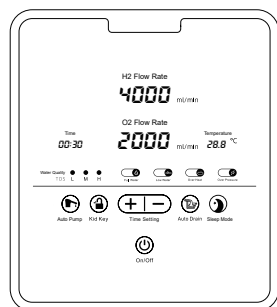


“Over Heat” icon lit

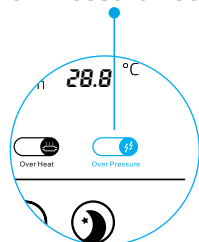


## ⑤ Over Pressure

When the gas discharge abnormally and reach a certain pressure, the machine will stop working. “Over Pressure” indicator will light up and the flow rate display will show “E6”.

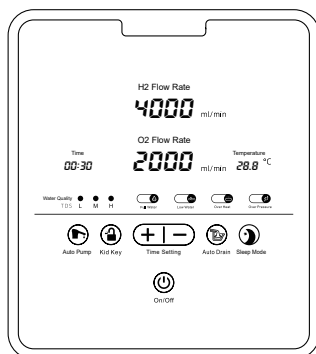


“Over Pressure” icon lit

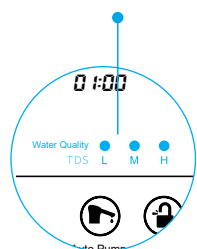


## ⑥ TDS Water Quality

There is a water quality detector inside the water tank, and the water quality is divided into low(L), medium(M) and high(H). When the water quality is low, the machine will stop working. The TDS indicator “L” will light up and the flow rate display will show “E3”.



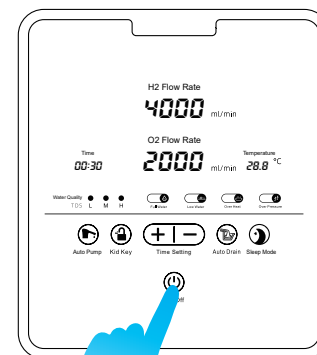
TDS Water Quality



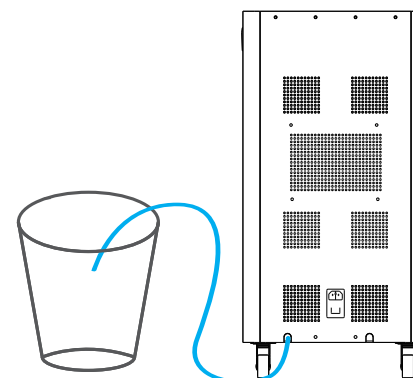
## ⑦ Auto Drain Instruction

When the water quality inside the tank is low, or the machine is not used for a long time, please drain all the water. Follow these steps to drain water.

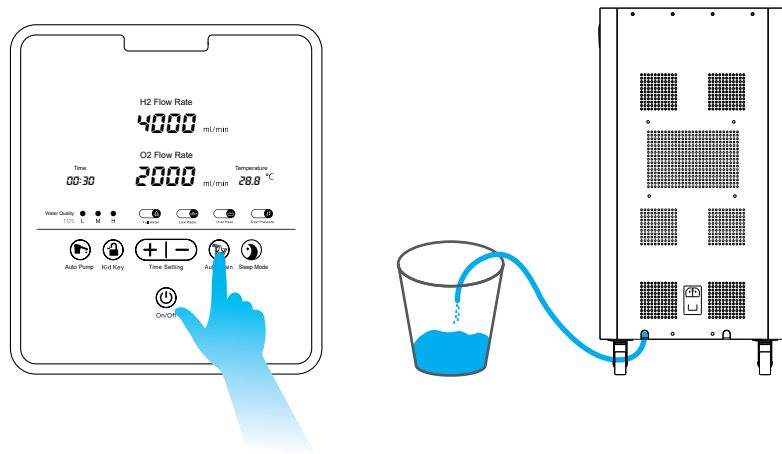
**Press “on/off ” button to turn off the power.**



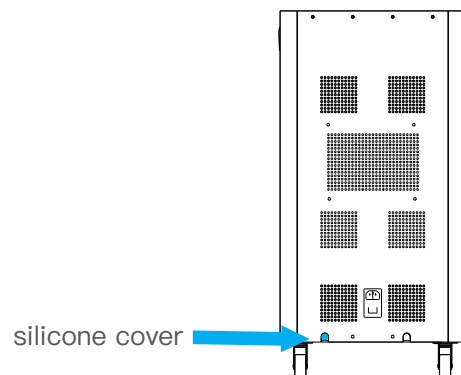
**Prepare a bucket, connect the drain-pipe.**



**Long Press the “Auto Drain”, and the water will drain away automatically.**



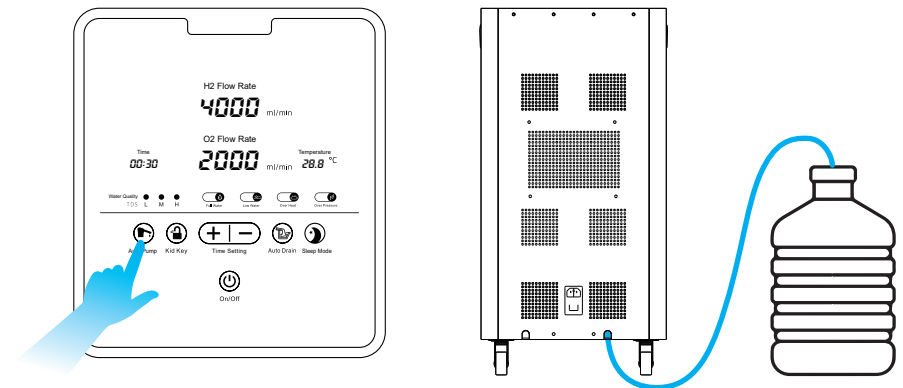
**After all water drain away, remove the drain-pipe, replug the silicone cover.**



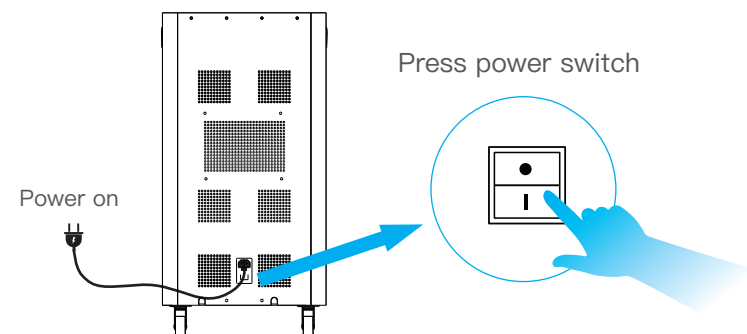
## Operation

### Auto pump

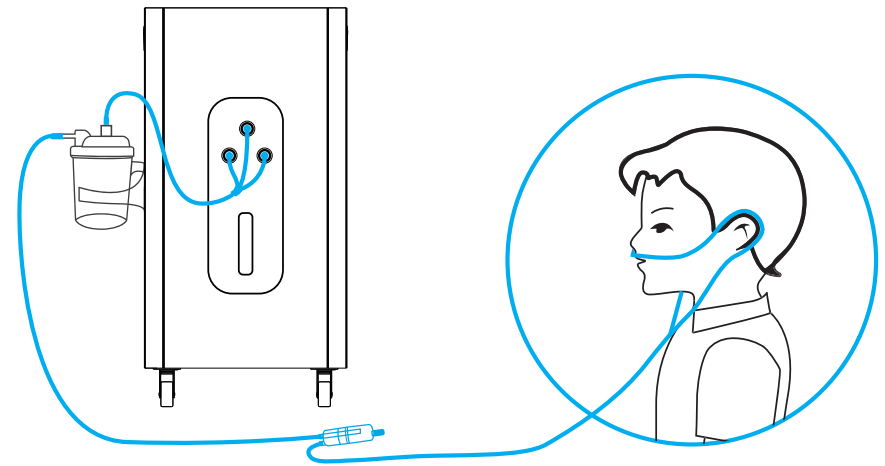
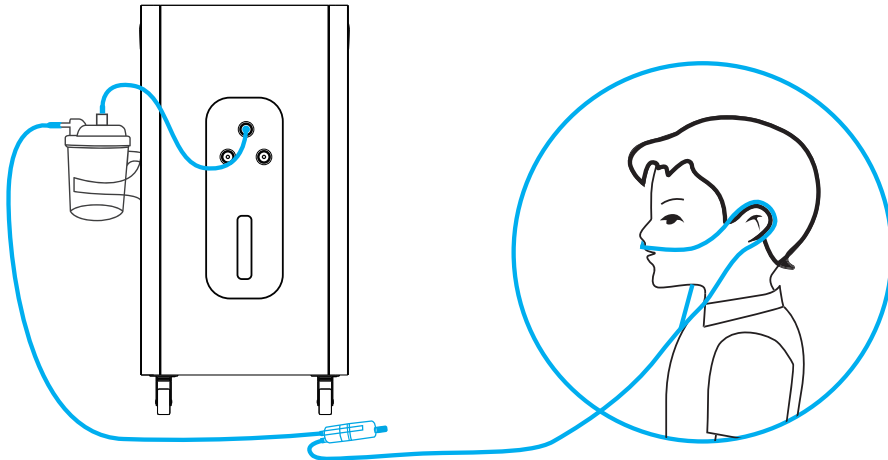
First remove the silicone cover of water inlet port, connect the auto pump pipe, and put other end of pipe into a 4.5–5L pure water bucket. Turn on the panel of machine and long press the “Auto Pump”. The machine will automatically pump the water into the water tank. If there is too much water in the bucket, the machine will automatically stop when inside water tank is filled with water. E4 full water warning may appear briefly, try to wait a few seconds. After E4 disappeared, you can run the machine normally. (Note: please disconnect the auto pump pipe and replug the silicone sealed cover after adding enough water)



Connect the power cord and turn on the power switch of machine.

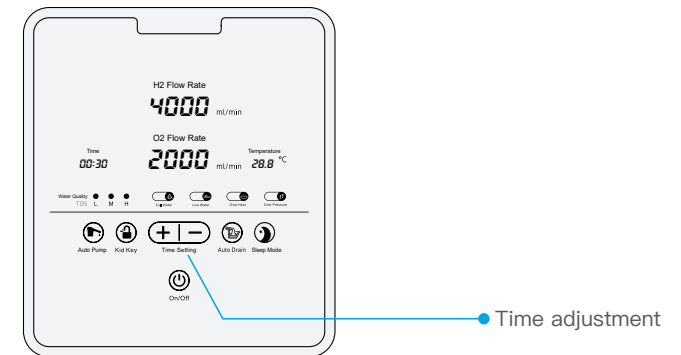
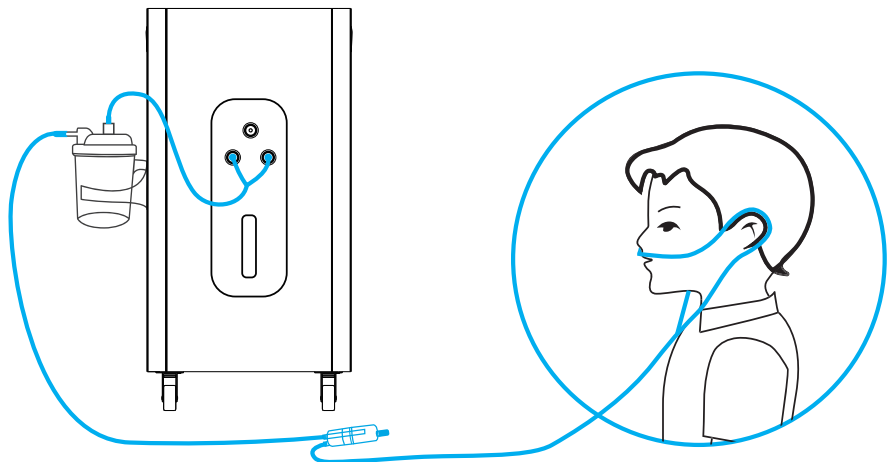


Connect the nasal cannular tube as shown, making sure that there is no air leakage at each connection. (If it is a multi-output hydrogen oxygen mixed machine, even if you only breath one type of gas, the other gas outlet cannot be covered by silicone cap.)



**NOTE:** It is forbidden to use the same hydrogen inhalation tube for different people to prevent cross-infection, recommend one people one tube.

Press the on/off key on the panel, set the time, and you can enjoy the hydrogen inhalation. (During the normal operation of the machine, you can see the bubbles in the window of machine. You can also place the nose end of the cannula into a cup of water to see whether if any bubbles emerge and confirm that the gas output is normal from the cannula.)



## **Notice**

- Please add pure water or distilled water, low quality water can damage the electrolyzer inside the machine.
- For first time using, do not use for long time treatment. It is recommended to use for 30–60 mins per day, and slowly increase the treatment time.
- If you feel uncomfortable, you can reduce the flow rate and time. Or rest for 1–2 days to continue using.
- If use machine for a long time or frequently, the water also should be changed frequently, normally 7–15 days.
- It is recommended to replace a new nasal cannula every 2 months or every month if using machine frequently. You can also use boiling water soaking the cannula for disinfection.
- When stop using machine for a long time, turn off switch and unplug for power cord. Please also drain away the water inside machine.
- All the gas outputs must be kept unobstructed when using the machine even you only use single type of gas. The plug on the top of machine water tank also must be replaced with plastic lid.
- Please put the machine indoors in a ventilated place when using, keep it away from direct sunlight.

## **Safety**

- ⊘ Keep the machine away from fire, lighter, do not smoke or use any flame source when using machine so as to avoid danger.
- ⊘ Can not place the machine horizontally or upside down.
- ⊘ Can not put debris next to the machine to prevent blocking the gas outputs or affecting the heat dissipation of the machine.
- ⊘ Grease or similar substances should not be used in any part of the machine to avoid pollution of the gas outputs and cause danger.
- ⊘ Before use every day, please pour out the water inside the water collector cup to avoid excessive water going into the nose.
- ⊘ Do not place objects on the machine, especially for the liquids.
- ⊘ Unauthorized repair and disassembly is prohibited.
- ⊘ Continuous working can not exceed 8 hours, please turn off the machine after long time using to extend machine lifespan.



### **NOTE:**

Please use pure water or distilled water (TDS<5), and replace the water every one week. If the machine is damaged because of not using the water that meets the requirements, the company will not be responsible for any damage.



## Troubleshoot

Fault code	Abnormal behavior	Problem description and troubleshooting indication
E1	Low water light on, voice alarm, machine stop working	The amount of water in the tank is too low. Add enough suitable pure water, then use the machine after the E1 is extinguished. After adding enough water to 4500–5000ml, need to turn off power switch of machine, wait for few seconds and turn on again to remove the E1.
E2	Over heat light on, voice alarm, machine stop working	The detection temperature of the hydrogen generator is higher than 65 degrees. Machine need to be turned off and cooled before being reused.
E3	TDS low water quality light on, voice alarm, machine stop working	The water quality does not meet the requirements. Drain the low quality water inside the water tank. Add enough new pure water or distilled water into water tank, then try to use the machine. If the fault code E3 still cannot be removed, long press “on/off” and “kid key” button to force the machine to run for a short time, then drain again and replace with new water again. (Forced operation of the machine can replace the low quality water inside the electrolyzer.)
E4	Full water light on, voice alarm, machine stop working	The amount of water in the tank is too much. You can wait for few seconds to see if the E4 light will remove automatically. If still have E4, then please drain part of the water to lower the water level, and machine can work normally.
E5	Water temperature is too low, voice alarm, machine stop working	The pure water inside the water tank is too low temperature, and in order to protect the electrolyzer, the machine automatically stops working. Please move the machine to warm indoors or replace the room temperature water.
E6	Over pressure light on, voice alarm, machine stop working	The gas did not flow out properly, resulting in overpressure inside the machine. Please check whether the silicone cover of the gas outlet is removed. Please check whether the nasal cannula bending or blockage occurs.

## Warranty Card

1. We hereby guarantee that for the products purchased by customers, if they are operated in accordance with this user manual. If there is any problem, during the warranty period, we will help to repair for free.
2. We will provide customers with free maintenance and technical support services. When maintenance personnel need schematics and parts lists, please feel free to contact us.
3. If the power supply, electrode or other parts have problems due to long-term use, and the normal function of the machine is affected, we will only charge material fees.
4. After the machine has exceeded its service life, please dispose of the accessories and packaging according to the requirements of the local environmental protection department.
5. Please send the faulty part or machine to us or your local dealer, so we can help immediately.

**Two years warranty for main component electrolyzer, one year for whole machine.**

Purchase date: \_\_\_\_\_

User name: \_\_\_\_\_

User address: \_\_\_\_\_

User telephone: \_\_\_\_\_

Dealer: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_