

# HYDROGEN OXYGEN GENERATOR

User Manual



## 12 Instructions

### 【Alarm prompt】

| (Alarm prompt)                                                                    | (Prompt reason)                             | (Solution)                                                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------|
|  | Water tank is short of water                | Add enough purified water                                                                            |
|  | Water quality deterioration                 | Replace purified water in the water tank                                                             |
|  | Equipment temperature is too high (>65°)    | A: Stop the machine and check the reason.<br>B: Contact after-sales maintenance for unknown reasons. |
|  | The service life of filter element expires. | Replace the filter element and enter a new activation code                                           |

### 【Maintenance method】

Re-inject purified water, and then clean the water tank with purified water.

## 01 Instructions

### 【operating requirements】

- (1) The health care machine cannot be used in a closed room!
- (2) Requirements for the working environment of the convalescent machine:
  - A. temperature < 60 °C;
  - B. Humidity < 85%
  - C. power supply (110 v ~ 220 v);
  - D, placing horizontally, with the front panel of the machine facing the operator for easy operation;
  - E. No direct sunlight, no open flame;
  - F. Good ventilation is required.
  - G. the power supply is well grounded.
- (3) Add water to the sink first, wait for 5 minutes after adding water, and then turn it on!
- (4) Water quality requirements  
Soft water (deionized water or secondary distilled water) is required, and the resistivity of water is greater than  $5 \leq \text{TDS}$ ; noHard ions in qualified water will deposit and block the micropores of the electrode, resulting in the electrode being scrapped. userRemember! Otherwise, there will be consequences.
- (5) Water level requirements of water tank  
It is required that the water capacity of the water tank is more than 2/3 (the volume of the water tank is 1.5L).
- (6) Water change and tank cleaning requirements  
The sink should be kept clean. Even if it is soft water, if it is used for a long time, microorganisms may breed and make the water change. Turbidity affects the gas production and service life of electrolyzer. It is required that after 2 weeks of use, the Water is discharged from the drain, while the water in the sink is discharged from the drain, and the sink is washed several times.Time (after adding a small amount of fresh water, gently shake the machine back and forth, left and right for several times) to discharge.The water is transparent and does not contain floc.

## 02 Instructions

### 【operating requirements】

(7) Water should not be stored in the sink during transportation of this machine, so as to prevent water from overflowing and damaging electrical components.

(8) The electrolyzer cannot be short of water during transportation.

(9) When maintaining the machine, it must be turned off first. Do not disassemble the machine when it is turned on. Chassis and other accessories to avoid electric shock.

(10) The machine should be placed horizontally and cannot be used obliquely.

A. When it is suggested that the water tank is short of water, the water in the water tank will be reduced by electrolysis during use. When it is suggested that the water tank is short of water, the water will be replenished in case of emergency, and 1 liter of water will be added to the water tank each time.

B. When prompted to change pure water, the water quality in the water tank exceeds the setting of the machine during use. (TDS≥5) gives an alarm and should be replaced immediately.

### 【matters need attention】

Every time water is added, the health care machine must cut off the power supply, prevent electric shock, twist the lid of the water tank and slowly fill it into the water tank. Do not sprinkle it on the top of the chassis. If it overflows, it should be treated and dried as soon as possible. When using it for the first time, add water and let it stand for 15 minutes. Connect the power supply in minutes.

Water inside the water tank, and clean the water tank in case of emergency, cut off the power supply and open the side drain.

## 11 Instructions

### 【Operation Guide】

#### SpO2 and PR reference display window

Spo2%  
95

Oxygen  
saturation (SpO2)

PRpm  
75

Pulse rate (PR)  
pulse intensity

Reference range of SpO2 and PR: This product is not medical equipment, and the reference values are provided only.

|      | parameter | Maximum upper limit | Lowest lower limit |
|------|-----------|---------------------|--------------------|
| SpO2 | adult     | 100                 | 90                 |
|      | children  | 100                 | 90                 |
|      | neonate   | 95                  | 85                 |
| PR   | adult     | 120                 | 50                 |
|      | children  | 160                 | 75                 |
|      | neonate   | 200                 | 100                |

activation  
code

### Activation code

When the activation code light is on, the equipment prompts that the filter element of the water tank cover needs to be replaced again, and a new activation code is input to resume normal operation, so as to ensure the water quality and service life of the equipment.

## 10 Instructions

### 【Operation Guide】



#### Flow setting

Click to set the flow rate. The default workflow is the maximum output of the device.



#### Timeset

Click Set Working Time. The default working time of the equipment is 1 hours, and the longest working time can be set to 6 hours.



#### Switch button

Click once to start running and then click once to stop running.



#### Continuous mode

After clicking the continuous mode, the hydrogen and oxygen outlets respectively output hydrogen and oxygen equipment, which can be connected with dissolved hydrogen production water for use.



#### Pulse mode

Click the select pulse to turn on, the hydrogen outlet outputs hydrogen when the pressure difference is sensed, and stores the hydrogen for 3 seconds after the output, which can effectively improve the utilization rate of hydrogen.



#### Sleep mode

Click the screen to enter the sleep mode, the screen enters the sleep state, and then click Return to Normal State, which helps to improve sleep and relieve fatigue.



#### Respiratory rate

Reference value of breathing frequency during pulse (12~20 beats/min), (this product is not a medical device, only for home reference).

## 03 Instructions

### 【Use environment】

#### I. Use environment

1. No direct sunlight, no open flame, no fire, and no static electricity.
2. The ambient temperature is  $\leq 60^{\circ}\text{C}$  and the humidity is  $\leq 85\%$ .
3. Good ventilation is required, and it is forbidden to use in closed places.
4. It is forbidden to move the machine when it is working.

#### II. Water requirements

1. Water quality requirements ( $\text{TDS} \leq 5$ ): Twist the lid of the boiling water and add purified water, distilled water and deionized water.
2. The capacity of the water tank is 1.2L, and the amount of water added shall not exceed the transparent part at the water injection port, and the appropriate water level shall be below 1cm;

## 04 Instructions

### 【Open the package for inspection】

First of all, make sure that the packaging of the machine is damaged, and check whether the machine is damaged. According to the packing list, whether the spare parts are complete. If the machine is damaged, please contact the manufacturer immediately and solve it immediately.

### 【Install and use】

- (1) The working conditions of the machine shall meet the operation requirements described in Chapter 3 of the Manual.
- (2) Open the water tank cover at the top of the machine and put in appropriate water. Note: water must be added before turning on the power supply to avoid water shortage in the electrolyzer.
- (3) Connect the power cord to the power supply Note: The power supply must be well grounded (the power supply must be cut off when adding water).
- (4) After the machine is powered on, the display on the front panel is turned on, and then the machine now enters the standby state.
- (5) Take out the humidifying cup from the accessories for installation. The gas outlet of the machine is connected with the gas jacket.
- (6) Click the "On/Off" button and the machine will start. The default startup time is 6 hours. After the countdown, the machine enters the standby state.
- (7) Click the [Time] button, and the default working time (1~6 hours) is 6 hours as needed.
- (8) Click the "Flow Rate" button to select the flow rate, which defaults to the maximum value. The flow can be selected as required, and the default is 6 speeds. Select the flow rate and click the [on/off] button, and the hydrogen-oxygen machine will start.

## 09 Instructions

### 【Touch panel】

- |                                |                         |                           |
|--------------------------------|-------------------------|---------------------------|
| 1 ON/OFF button                | 2 Time setting          | 3 Flow rate setting       |
| 4 Frequency of respiration     | 5 Water level detection | 6 Water quality detection |
| 7 Selection of functions       | 8 Timing display        | 9 Display of flow rate    |
| 10 Water temperature detection |                         |                           |



## 08 Instructions

### 【Product Schematic Diagram】



## 05 Instructions

### 【Product parameters】

|                       |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Product Name          | Hydrogen Oxygen Generator                                                                        |
| Product Model         | <input type="checkbox"/> SG-600 <input type="checkbox"/> SG-900 <input type="checkbox"/> SG-1200 |
| Suitable Power supply | 110V~240V                                                                                        |
| Rated Power           | <input type="checkbox"/> <300W <input type="checkbox"/> <350W <input type="checkbox"/> <400W     |
| Working Hours         | 1~6h                                                                                             |

### 【Parts List】

|                           |   |
|---------------------------|---|
| Hydrogen Oxygen Generator | 1 |
| Power cord                | 1 |
| certificate               | 1 |
| Instructions              | 1 |
| guarantee card            | 1 |

## 06 Instructions

### 【Warranty Description】

1. In normal use and in accordance with the safety precautions in the manual, the company will provide free maintenance for faults that occur within one year of the warranty period.

2. Even during the warranty period, you may be charged maintenance fees in the following cases.

1) Only pure TDS<5ppm) can be injected into the water tank of this hydrogen generator. If mineral spring water or other water is injected artificially, the core components of the generator will be damaged.

2) Failure and damage caused by mistakes in use or improper operation;

3) Failure caused by improper use or falling behind.

4) Failure or damage caused by natural disasters or external factors, such as fire, pollution, abnormal voltage, earthquake, lightning strike, wind disaster, flood and other natural disasters;

5) Damage caused by land transportation, shipping and other logistics;

6) Damage caused by operation (such as commercial use), or disassembling the machine by itself;

7) Replace non-original or self-replacing parts;

3. Keep the warranty card in a safe place. If it is lost, the company will not reissue it. Please contact the dealer if you need maintenance after the warranty period.

## 07 Instructions

### 【Product Schematic Diagram】

