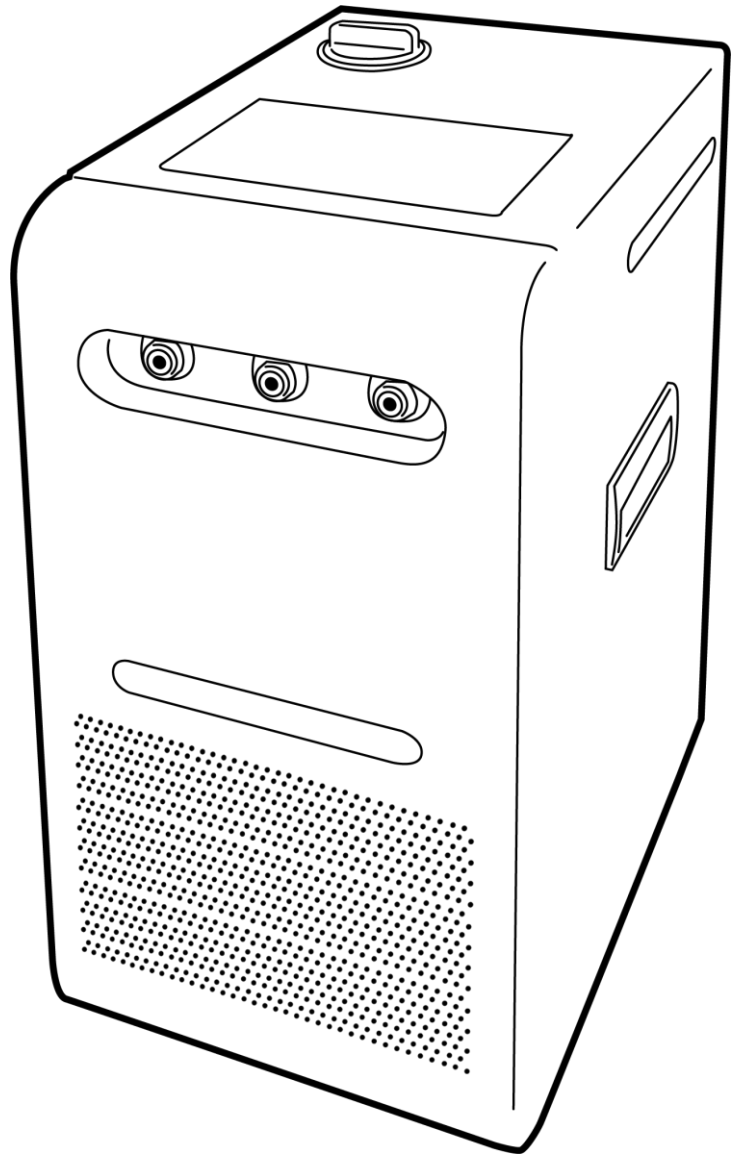


UHC-1000 Hydrogen Generator Manual



Model : UHC-1000

Menu

Disclaimer.....	4
Attention.....	4
Contents.....	6
Product Specifications.....	7
Parts Descriptions.....	8
Panel Descriptions.....	9
UHC-1000 Operation Procedure.....	10
Filter Replacement Procedure.....	12
Tube/ Stopper Connection and Removal.....	13
Water Draining Procedure.....	13
Troubleshooting.....	14
Warranty Terms and Conditions.....	15
Customer Support.....	16
Warranty Card.....	17

- ※ Please read the manual and warranty card carefully before use. Keep them for future use.
- ※ Please fill in the date of purchase on your warranty card stamped by distributor.
- ※ U Hydrogen Technologies is not responsible for any malfunction or breakdown due to improper installation or incorrect use of the product.

Disclaimer

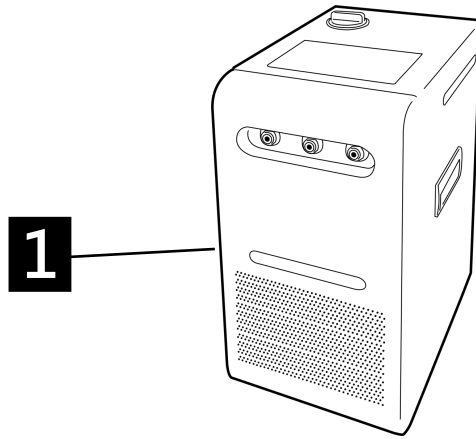
- ※ U Hydrogen Technologies reserves the rights to change product specifications and modifications of this document without further notification
- ※ No one may copy, reproduce or transmit this document in any way for any purpose without obtaining consent from our company.

Attention

1. Please read this manual carefully and follow operating instructions properly before use. This warranty does not cover normal wear of parts, damages or accidents/injuries resulting from negligent use or misuse of the product.
2. **Caution: Hydrogen may be inflammable and explosible under certain concentration. To ensure safety, stay away from fire, and use it only in good ventilation condition.**
3. DO NOT disassemble the rear lid or any part of the enclosure, or else warranty is invalid. This product contains high voltage components and may cause severe injuries if accidentally touched.
4. Keep away from water when using this product. Warning: Do not expose this product to rain or humid environment to reduce risks of fire or electric shock.
5. DO NOT expose this product to the sun or other heating sources. For instance, heat generator, warmer, stove or any other heating appliance.
6. Use this product in locations with good ventilation. DO NOT place any object over the heat vents to avoid any possible damage due to improper heat dissipation.
7. DO NOT put any heavy object onto this product or the connected power cord.
8. In case of fire, odor or abnormal noise, shut down the machine immediately and contact the distributor, representative or our company. It is unsafe to continue using it.
9. DO NOT tilt this product during transportation to avoid internal water leakage, which may cause electric short and damage. Drain out the water before transporting to a longer distance. Refill the water when it is in place.
10. Only install water filters provided by the original manufacturer.
11. Only purified water that meets the standard requirements shall be added into the water tank. Water standard requirements are: Purified water/ Reverse Osmosis (RO) processed water/ Distilled water/ Ion exchanged filtered water/ Water with conductivity <10 μ S/. Adding water that does not meet the requirement may result in product impairment, shorter life expectancy and void your warranty.

12. For safety purpose, DO NOT remove the ground wire of the power plug.
13. Avoid stepping on the power cord, the plug, the power outlet and the connection port. Place this product as close to the power cord as possible.
14. Make sure the power outlet has stable power voltage. The plug must be firmly connected to the outlet to avoid possible breakdown or accidents.
15. Never allow children to operate the machine independently to avoid any possible accident. Make sure to unplug machine when leaving.
16. Only factory certified parts and accessories are allowed to avoid damages to the product.
17. Maintenance and repairment shall be done only by the original manufacturer or designated distributors.
18. Contact qualified agents or distributors for inspection or repairment in case of damages; such as impaired power cord/plug, liquid splash or objects dropped into the product, the equipment fallen on the ground or malfunction caused by damped environment.
19. Clean the water tank lid area periodically, where germs and dirt are easily accumulated.
20. If the product will not be used for longer than a week, please drain and dry the water tank, also take the filter out and dry it in the shade to avoid bacterial growth. Please refer to P. 13 for Water Draining Procedure.
21. If the hydrogen generator has not been used for 2 weeks or more:
 - 1) If there is water in the tank, please drain the water, fill in with new purified water, turn on and off the power switch repeatedly for 5 times with 10 seconds interval. Leave for 2 hours before use.
 - 2) If there is no water in the tank, please fill in with new purified water, turn on and off the power switch repeatedly for 5 times with 10 seconds interval. Leave for 8 hours before use.

Contents



1. UHC-1000 Hydrogen Generator
2. Power Cord
3. Water tank filter
4. External water collector x2
5. Water collector holder x2
6. Two-way tube (Long)
7. Two-way tube (Short)
8. Y-shaped tube
9. Nasal cannula x2
10. Drain tube
11. I-shaped tube x3

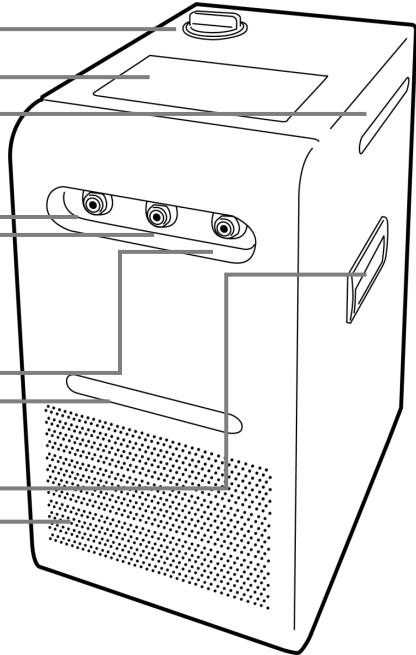
Product Specifications

UHC-1000 Hydrogen Generator

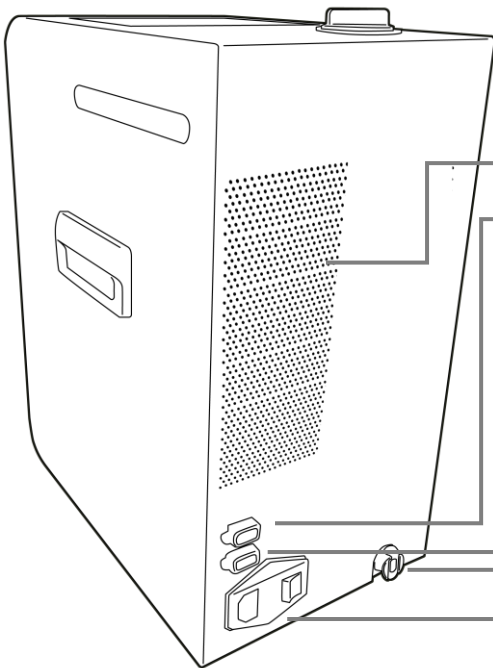
產氫量	H ₂ Flow Rate	1000 cc/min
氫氣純度	H ₂ Purity	> 99.999%
消耗功率	Power Consumption	< 380W
輸入電壓	Voltage	100-240V
機體尺寸	Dimension	43*35*22cm
注水純度	Input Water Purity	< 10 uS/cm
淨重	Net Weight	9Kg
產地	Place of Origin	Taiwan

Parts Descriptions

1. Water tank lid
2. Touch panel
3. Magnetic plate
4. H₂ dual user outlet
5. H₂ single user outlet
6. O₂ outlet
7. Front magnetic plate
8. Grip
9. Heat vents



10. Heat vents
11. Factory data port1
12. Factory data port2
13. Water drain port
14. Power socket and power switch



Panel Descriptions

CH1: shows hydrogen flow rate of total hydrogen generated

CH2: shows oxygen flow rate of total oxygen generated

Set/ Remaining time (設定/剩餘): shows time set for use; remaining time once turned on

Status (功能顯示燈號列): shows single/dual user(s) status and water level of the tank

Alert (警示燈號列): indicates abnormalities



Single/ Dual users (單/雙吸): tap to switch between single and dual user(s)

Reset (重設): tap reset after troubleshooting and the machine goes into standby mode/ press for 10 seconds to cancel filter indicator

Night Mode (夜間): tap to change to night mode, brightness will be dimmed

Start/ Stop (啟動/停止): tap to start/stop generating hydrogen

Hour (小時): tap to adjust time for next use

Minute (分鐘): tap to adjust time for next use

Activation (活化): press hour and minute at the same time for 5 seconds to start 30 minutes activation procedure

UHC-1000 Operation Procedure

- 1** Plug in the power cord to the socket at the back of the machine.



- 2** Turn on the power switch at the back, 5 seconds self check will begin with all indicators flashing.



- 3** For initial use, alert will indicate 'water empty', please open the water tank lid and install the filter, then gradually pour in distilled water until the 'water empty' indicator is off. Water is at its maximum level when 'water full' lights up with two beeping sounds.



! Wipe off any residual water in the gap.



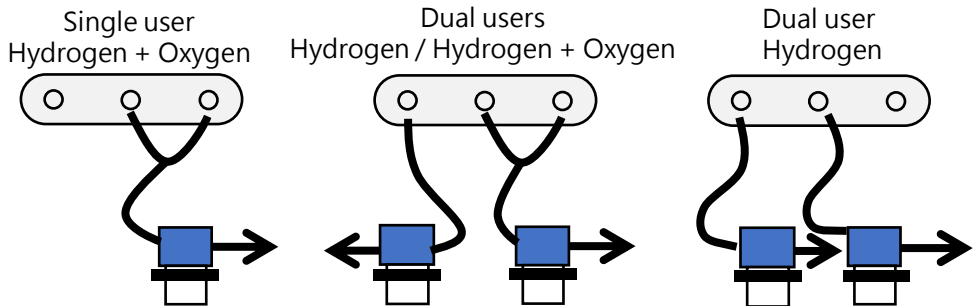
- 4** To avoid excessive water vapor, water should not exceed the hole of maximum level indicator. Refer to P.15 to drain the exceeding water.

- 5** Take off all three blue stoppers from the outlets and connect the I-shaped tubes to the outlets. Refer to P.13 on how to connect and take off the stoppers and tubes.



! All stoppers must be taken off when using the product, otherwise it may cause damage to the product.

7 Tubes provided in the contents can be paired up for different purposes, here are three examples:



8 Connect the tube to the water collector, please pay attention to the directions of inlet and outlet. Make sure the lid is tightened.

Tighten the lid

Inlet
Connect to
the generator



Outlet
Connect to
the nasal
cannula

9 For initial use or replaced filter, press the reset button for 5 seconds to cancel the indicator. System will start six months countdown for reminder.



10 By tapping the function icons, you can change the setting for next use, including single/dual users, night mode, also time can be set by tapping hours and minutes

11 By tapping Start, hydrogen will start to generate, and UHC-1000 will run according to the time set.



12 Start enjoying the benefits of hydrogen.

- Uplift your health -

Filter Replacement Procedure

1 Filter replacement frequency depends on water quality. For optimum results, replace the filter at least every 6 months. You may need to replace filters more frequently if quality of water is less satisfied.

2 When it is time to replace filter, the "Filter" indicator will light up as a reminder.



3 Switch off the main power at the rear of the machine before replacing filter.



4 Open the lid of water tank.



5 Pull out the filter from the water tank.



6 Insert the new filter.



7 Close the lid.

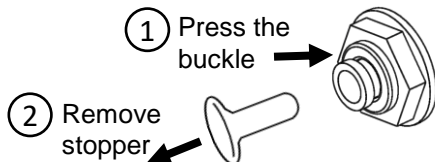


8 Switch on the main power at the rear of the machine. Then press and hold the "reset" button for 5 seconds to clear the filter change reminder. The timer will reset for a new 6-month filter replacement reminder.

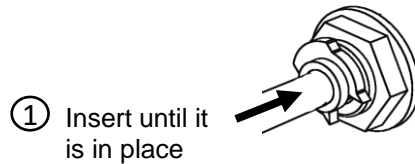


Tube/Stopper Connection and Removal

- 1** Connectors commonly used in water purifying systems are used for outlets, when disassemble, please press the buckle of the connector to remove the stopper/tube as shown below:



- 2** When connecting tube/stopper to the connector, please insert until a clicking sound has been heard, as show below:



Water Draining Procedure

- 1** Place the back of UHC-1000 to the edge of the table.



- 2** Prepare a container and the drain tube. Make sure the end of the tube is in the container.



- 3** Plug in the connector of the drain tube into the draining outlet until a clicking sound has been heard.



- 4** Plug in the connector of the drain tube into the draining outlet until a clicking sound has been heard.



Troubleshooting

No power

1. Please check if the power cord has been plugged in properly.
2. Please check the main switch at the rear of the UHC-1000 has been turned on.

Filter indicator

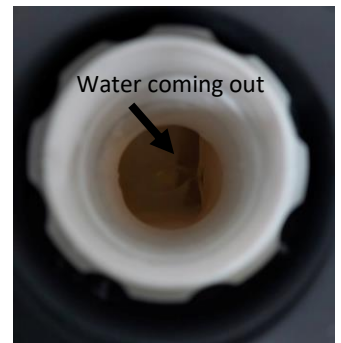
1. The system has a built-in 6 months filter exchange reminder. When the indicator lights up, please refer to the previous section on "Filter Replacement Procedures" to replace the filter.
2. After replacing the filter, please press the "Reset" button for 5 seconds and the system will recount another 6 months.

Block indicator

1. When the internal pressure detected exceeds the set point, this indicator will light up and the system shuts down automatically.
2. Please check whether all tubes connected to the outlets are bent or blocked.
3. Please press "Reset" button when the problem is solved, the system will go into standby mode.

Error indicator

1. When the "Error" indicator light up, please turn off UHC-1000 and restart in 3~5 minutes. Please also check whether the fan and internal water cycle is functioning correctly. Internal water cycle is functioning correctly if there is water coming out from the side of the tank, as shown in the image.
2. Please press "Reset" button when the problem is solved, the system will go into standby mode.



※ If the above steps do not solve the problem, please contact your local agent or distributors for technical services.

Warranty Terms and Conditions

Warranty Period

1. U Hydrogen Technologies warrants this product to be free from defects in manufacturing and provides free after services for a period of 12 months from the date of purchase under normal use. This warranty extends only to the original purchaser.
2. No warranty service will be provided to consumable materials, such as filters.
3. The warranty does not extend to free gifts from purchase. All parts except for the main unit, if defected, please present warranty cards or purchase certificate to eligible distributors for exchange within 7 days. No exchange will be granted afterwards.
4. The warranty card must be stored properly for the purpose of service. The ownership of replaced parts will be transferred to our company within the warranty period.

Warranty Subjects

This warranty only applies to original purchaser.

Warranty Conditions

1. This warranty only applies to damages under normal use and/or defects in manufacturing and material within warranty period.
2. This warranty does not cover damages due to reasons below, additional service fee may apply, including:
 - a. Broken, erased, or removed product serial numbers.
 - b. Damages resulted from accidents, improper use, negligence, fire, flood, lightning and/or other natural disasters.
 - c. Damages caused by reasons other than the product itself, such as unstable electricity, and electricity failure.
 - d. Damages caused by using uncertified parts.
 - e. Damages caused by incorrect installation, assembly without following the manual and/or operations under improper conditions.
 - f. All repairs/disassembly for which warranty claims are made must be pre-authorized by our company. No warranty will be provided if otherwise.
 - g. Normal wear and tear.

Warranty Services

1. If the product is found to be defective in material or craft during the warranty period, we will repair the product free of charge or replace it with new/used identical parts.
2. Repaired items must be directed or submitted by authorized distributors to manufacturer. On-site service is not available.
3. Customers may request repairment service by authorized distributors along with valid warranty card within warranty period.
4. Products not eligible for free warranty service may require additional service fees. These fees will be notified and authorized by end user prior to any repairment.
5. Electronic devices of other manufactures claimed to be damaged by our products must be examined before any compensation.
6. Warranty services do not apply to damages of our products confirmed to be caused by electronic devices made by other manufactures.

Customer Support

For technical support or product services, please refer to the information below or contact the local agent or distributor. Note: Please provide product serial number if required.

Manufacturer	U Hydrogen Technologies Co., Ltd
Address	4F., No.37, Chengtian Rd., Tucheng Dist., New Taipei City 236, Taiwan
Phone	+886-2-77091258
E-mail	sales@uhydrogen.com

For more information, please visit: www.uhydrogen.com

Warranty Card

Warranty Card

Agent/Distributor :
Date of Purchase :
Product Serial Number :
User' s Name :
Phone :
Email :
Address :

UHC-1000 Hydrogen Generator



Warranty Stamp

※ In order to validate the warranty, one year from the date of purchase, please fill in the above information. If the warranty is not stamped or the date of purchase is not filled in, the manufactured date will be used.

Note

