



User Manual

HYDROGEN MINI

User's Manual

Model : DHW-9100A

HYDROGEN WATER TUMBLER

Design A-2 type



*본디자인의 디자인 저작권은 주식회사 다가가에 있습니다.
무단 복제, 도용, 유포는 법적 처벌을 받을 수 있으니 주의바랍니다.

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Important notice

- Firstly read user manual carefully, before use product.
- Product floor plan and pictures which are shown in the user manual might be different from actual product.
- For the purpose of the improvement of product performance, the actual product might be partly different from the user manual which it can be modified without notice
- When you open the product, it could be a little bit of water remains inside jug. It is proof that product already had been inspected before release.
- When Hydrogen machine is worked first time, the bubble is coming a bit slightly, but after 1~2hours, it gets into the regular hydrogen bubble by then.
- Do not use Hydrogen machine continuously more than 3 times. It may cause the electrode overload capacity and damage to machine. Kindly recommended that take a resting time at least 10 minutes per hour use.
- Use purified water and tap water only.
- We kindly recommend that if the Hydrogen Water get a strange smell after working, should be sterilized water operation with citric acid dissolve a spoonful (3g) of citric acid into 350 ml of water, then run the sterilized water operation with it for 10min.

For Safety use



Safety warning

If you do not follow instructions, it may cause user's serious injury.

If abnormalities such as noise, odor occur during use, stop operating immediately and pull out power plug from outlet. In this case, please contact official service center

- If you find any above problems, please stop using because it may cause of electric shock and fire

Please connect the USB cable to the charger.

Please be sure that you use product supplied with the USB cable only

The location of installment should be flat ground place. Do not use and keep the product, in the place of high temperature such as near fire, direct sunlight and inside of car during hot weather.

- If you find any above problems, please stop using because it may cause of electric shock and fire

Do not disassemble, repair and reorganize. If it need, please contact official service center.

- If you find any above problems, please stop using because it may cause of electric shock and fire

Keep the power line out of the reach of hot surface, sharp corner and sharp material.

- If you find any above problems, please stop using because it may cause of electric shock and fire

It is possible for everyone to drink hydrogen water made by this product but please consult with doctor those who are on treatment for disease, maternity diagnosis of restricted water intake from doctors.

For Secure use



Safety warning

If you do not follow instructions, it may cause for user's serious injury.

Do not put into jug and bucket other liquid except tap water at room temperature, bottled water and purified water. Also Do not put into jug and bucket hot water over 40°C

- It may cause damage to product.

Please be sure that you use product supplied with the USB cable only

- It may cause damage to product.

While you clean the machine make sure to pull out power plug, and do not wipe with benzene, alcohol, thinner and other chemical washing product

Do not touch USB cable with wet hands



Precautions

1. For the first use or re-using it after a long period of storage, please fill the water in tumbler and wait approximately 30 minutes and use it.
 - The generations of the hydrogen water will be delayed in case the electrolyzer is dry.
2. Do not touch the electrolyzer with the sharp tool
 - If the electrolyzer is damaged by the sharp tool it may cause leakage or hydrogen water cannot be generated.
3. Do not disassemble the electrolyzer
 - It may cause breakdown of product

Panel Description



Operation Touch Section	<ol style="list-style-type: none">1. Operation On/Off2. Hydrogen Generation and Cleaning
	Operation

Specification

Product Name	Hydrogen MINI
Model	DHW-9100A
Rated Voltage	Voltage DC 3.7V / 1A / 13.5W / ADC Adapter (DC 5V / 1.5~2A)
Capacity	350ml
Operation Time	3 minutes
Dissolved Hydrogen ion Concentration	Over 1,000ppb
ORP	Over -200mV
Using Temperature	3°C ~ 40°C
Weight	310g
Size_Body (H x Ø)	233 x 70
Size_Wireless Charger Board (H x Ø)	17 x 89
Accessory	Body(Stainless/Tritan), Wireless Charger Board (ABS), USB Cable, citric acid
Manufacturer	Dagaga Co., Ltd.(MADE IN KOREA)

* Body pouch is a separate sale

Precautions before use

1. Please be sure that you use product supplied with the USB cable only



2. Do not use and keep the product, in the place of high temperature such as near fire, direct sunlight and inside of car during hot weather.



3. Do not touch the electrolyzer with sharp tool.



4. When cleaning a product, please disconnect power supply.



5. Please do not touch adapter and power supply with wet hands.

~~benzene
alcohol~~



6. When cleaning the product, please do not throw water or alcohol, thinner, benzene and cleaning chemical to product.

7. For new purchase machine, or keep long period, please throw away first time made hydrogen water from jug.

How to use product

1. Touch gently the button with fingertip on the target feature.

- 1) Power On/Off : Touch the feature section for one second to turn the device ON. You can hear the “tick” sound and the lamp at the bottom part of the body turns blue.
Remove your fingertip from the touch section after you hear the sound in three seconds to create hydrogen bubbles.
- 2) Device Operation : The lamp at the bottom (blue) turns off three minutes after start of the operation and the “tick” sound completes the operation.
- 3) Cleaning Setting : Touch the feature section for one second when powered off, and the lamp at the bottom of the body turns blue with “tick” sound.
Remove the fingertip off the section and then touch again, and the lamp (blue) at the bottom turns off with the “tick” sound.
Press the feature section for five seconds, and the lamp turns red with the “tick” sound to start cleaning for 10 minutes.

2. If you want to stop making hydrogen bubbles during the process, touch the feature section for one second with fingertip until you hear the “tick” sound to see the lamp turn on blue.

- Drink the water inside while the device is turned off. Store the water in a separate air-tight container under room temperature or refrigerated. It is recommended to drink the water within three hours after creation to ensure the same dissolved concentration level. It is recommended to pour in new cup of water to create hydrogen bubbles for new drink.
- Make sure to place the device on the flat floor in upright position to generate hydrogen water.

The device will not operate in non-upright positions for safety reasons.

Self-maintenance and treatment

1. If the operation button is not working

- Self-check list
 - Check whether the charging is not complete.
- In case of visit service center
 - Problem with electrolyzer.
 - Lamp malfunction
 - Mal connection with USB cable circuits etc.
 - Causes unknown or undetected.

2. If Hydrogen rate significantly lower than before

- Dissolve 3g of citrus acid into 350ml of water, then run the cleaning water operation with it for 10 minutes.

Criteria of warranty

1. The period of warranty is 12months from the date of purchase.
2. Under warranty, if product is malfunctioning even in accordance with user's manual and instructions, you can get warranty as per designated method of our company. At this time you should attach product warranty at the last page of user's manual. Replacement of the component or parts of machine will not be returned.
3. If you do not know purchase date, we can calculate 12months from the manufacturing dates as warranty according to our regulations.
4. Even under warranty period, repair should be applied to following cases.
 - If customer doesn't submit product warranty card.
 - If there are no name of customer/ purchase date / sales agent on product warranty card or its contents are changed.
 - If breakdown and damage are caused by incorrect connection including operational mistake or remodeling.
 - Damage from power use which are not specified in directions or caused from abnormal voltage including fire, earthquake, flood, lightning, natural disaster, pollution, salt damage, gas damage and sulfur gas.
 - If life span of component expired-consumable component.
 - Damage and disorder caused from customer's mistake and carelessness.
 - If the disorder is caused from repair of the third party center other than the official service center and other disassemblers.
 - Breakdown and damage caused from non-proper handing such as transport or move and falling.

- **FCC Compliance Statement**

This device complies with part 15 of the FCC Rules. Operation is subjection to the following two conditions :

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

- **User's Caution Statement**

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

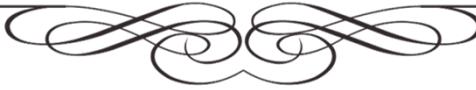
The antenna(s) used for this device must be installed to provide a separation distance of a least 15 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

The wireless charger can only charge specified bottle/tumbler and has been tested using the specified tumbler as an auxiliary equipment.

The wireless charger must be used in conjunction with the specified bottle/tumbler.



Product warranty



- ◆ **Product Name : Hydrogen MINI**
- ◆ **Model : DHW-9100A**
- ◆ **Manufacturing Number :**
- ◆ **Sale Date :**
- ◆ **Dealers :**
- ◆ **Username Purchase :**
- ◆ **Purchasers Address:**
- ◆ **Purchasers Phone Number :**

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