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Mirtade 01

Mirtade Hydrogen Water Bottle Generator Instruction Manual

Model: 01 | Brand: Mirtade

INTRODUCTION

Thank you for choosing the Mirtade Hydrogen Water Bottle Generator. This manual provides essential information for the safe and efficient use, maintenance, and troubleshooting of your new device. Please read it thoroughly before first use and keep it for future reference.

SAFETY INFORMATION

- Always use purified, filtered, distilled, or reverse osmosis water for optimal performance and to prevent damage to the electrolysis components.
- Do not immerse the base unit in water. The bottle is designed for hand washing only.
- Keep out of reach of children.
- Ensure the charging port is dry before connecting the charging cable.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- The device operates under pressure. Always release pressure using the pressure relief button before opening the lid after a hydrogen generation cycle.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Mirtade Hydrogen Water Bottle Generator (Gray)
- Charging Cable (USB-C)
- Instruction Manual

PRODUCT OVERVIEW

The Mirtade Hydrogen Water Bottle Generator utilizes advanced SPE/PEM technology to produce hydrogen-rich water. It features a durable 316 stainless steel drinking spout, an ergonomic handle for portability, and an LED display for real-time information.

Shorter Time Higher Concentration

10000 +PPB
10-Minutes



2 Modes: 5 mins =7800+PPB, 10 mins=10000+PPB

Image: The Mirtade Hydrogen Water Bottle Generator displaying its ability to produce over 10,000 PPB hydrogen concentration in 10 minutes, with options for 5-minute (7800+ PPB) and 10-minute (10000+ PPB) cycles.

Key Features:

- **High Hydrogen Concentration:** Achieves 7,800+ PPB in 5 minutes and 10,000+ PPB in 10 minutes.
- **Advanced SPE/PEM Technology:** Ensures complete separation of hydrogen and oxygen, producing pure hydrogen water without ozone or residual chlorine.
- **Durable Construction:** Made with 316 stainless steel and robust materials to withstand internal pressures and prevent leaks.
- **Portable Design:** Features an ergonomic handle and compact 12oz size (9.77" H × 2.76" W) for easy transport.
- **Smart LED Display:** Shows real-time hydrogen concentration, countdown timer, and battery status.
- **Self-Cleaning Mode:** Simplifies maintenance by keeping the bottle interior clean.

SETUP

Initial Preparation:

1. Remove the Silicone Plug:

Upon receiving the bottle, you may find a small amount of purified water pre-filled in the silicone plug. This is normal and helps keep the membrane active. Remove this silicone plug before first use.

Step 1

Remove the Silicone Plug

About 5 mL of purified water is pre-filled in the silicone plug to keep the membrane active. This is normal and it's not second-hand. Remove the silicone plug before use



Image: A hand removing the silicone plug from the bottom of the hydrogen water bottle.

2. Charge the Device:

Fully charge the hydrogen water bottle before its first use. A full charge takes approximately 2 hours and supports 125 minutes of continuous working time (25 cycles in 5-minute mode or 12 cycles in 10-minute mode).

OPERATING INSTRUCTIONS

1. Fill the Bottle with Water:

Unscrew the lid and fill the bottle with purified, filtered, distilled, or reverse osmosis water. Do not use tap water directly as it may contain minerals that can affect performance and longevity. Fill to the indicated maximum fill line.

Step 2

Fill the Bottle with Water

For optimal performance, fill your bottle with only purified, filtered, distilled, or reverse osmosis water



Image: A person pouring purified water into the hydrogen water bottle.

2. Select Mode:

Press the power button once to start the 5-minute mode for hydrogen water generation (7,800+ PPB). To activate the 10-minute mode for ultra-high concentration hydrogen water (10,000+ PPB), press the button again within 20 seconds of starting the 5-minute mode.

Step 3

Select Mode

1. Press once to start the 5-minute mode for high-concentration hydrogen water
2. Press again within 20 seconds to start the 10-minute mode for ultra-high-concentration hydrogen water



Image: A hand pressing the button on the base of the hydrogen water bottle to select a mode, with bubbles visible inside the bottle.

3. Release Pressure and Drink:

After the hydrogen generation cycle is complete, press the pressure relief button located on the lid to release any internal pressure. Then, unscrew the lid to drink your hydrogen water.

Step 4

Release the Pressure before Drinking

After the cycle ends, press the pressure relief button. Then unscrew the lid to enjoy your hydrogen water



Image: A hand pressing the pressure relief button on the lid of the hydrogen water bottle.

Official Product Video:

Your browser does not support the video tag.

Video: An official product video demonstrating the features and operation of the Mirtade Hydrogen Water Bottle Generator. This video is provided by Mirtade-US Direct.

MAINTENANCE

- **Cleaning:** The bottle features a self-cleaning mode. Activate this mode periodically to keep the interior clean without manual effort or disassembly. For external cleaning, wipe with a damp cloth. The bottle is hand wash only; do not place in a dishwasher.
- **Storage:** When not in use for extended periods, ensure the bottle is clean and dry. Store in a cool, dry place.

TROUBLESHOOTING

Common Issues and Solutions:

Problem	Possible Cause	Solution
Water inside when received	This is normal. A small amount of purified water is pre-filled in the silicone plug to keep the membrane active.	Remove the silicone plug before use. This does not indicate a used product.
No bubbles during running	The device may be new or inactive for a long period, requiring membrane re-activation.	Refer to the instructions provided in the packaging for membrane re-activation.
Small amount of leakage at the beginning of use	This is normal. The bottom hole releases oxygen and a small amount of wastewater during electrolysis. The top may also release air/water droplets for pressure balance.	This leakage will not continue. Ensure the bottle is upright during operation.
Lid does not turn after cycle	Internal pressure has built up during the hydrogen generation cycle.	Press the pressure relief button on the lid to fully release internal pressure before attempting to unscrew.

Arrival Notice & Quick Guide

1 Water inside when received

There might be water inside when received. [This is normal and does not mean the item has been used.](#) This is necessary to maintain the activity of the proton exchange membrane. This product is brand new and has never been used at all.

2 No bubbles during running

[This may occur when the device is first used or after a long period of inactivity.](#) It is necessary to re-activate the membrane according to the instructions provided in the packaging.

3 A small amount of leakage at the beginning of use

This is normal. The bottom hole releases oxygen and a small amount of wastewater during electrolysis. The top may also release a small amount of air or water droplets for pressure balance. [It will not continue leaking.](#)



Image: An informational graphic detailing common initial observations and troubleshooting tips for the hydrogen water bottle, including

water inside upon arrival, lack of bubbles, and minor leakage.

SPECIFICATIONS

Feature	Detail
Brand	Mirtade
Model Name	Hydrogen Water Bottle
Model Number	01
Color	Gray
Capacity	12 ounces (approximately 355 ml)
Material	Acrylonitrile Butadiene Styrene, Metal, Polycarbonate, Stainless Steel (316), Tritan
Material Type Free	BPA Free, BPF Free, BPS Free, DEHP Free, Lead Free
Item Dimensions (W x H)	2.76" W x 9.77" H
Hydrogen Concentration	7,800+ PPB (5-min mode), 10,000+ PPB (10-min mode)
Charging Time	2 hours for full charge
Continuous Working Time	125 minutes (approx. 25 cycles in 5-min mode or 12 cycles in 10-min mode)
Electrolysis Technology	SPE/PEM with DuPont membrane and titanium platinum alloy electrolytic sheet
Additional Features	LED Display, Leak Proof, Lightweight, Shatter Resistant, Easy Carry Handle, Self-Cleaning Mode
Product Care Instructions	Hand Wash Only

WARRANTY AND SUPPORT

The Mirtade Hydrogen Water Bottle Generator comes with a **one-year warranty** from the date of purchase. Mirtade also provides **lifetime technical support** for this product.

For usage guidance, troubleshooting assistance, or after-sales support, please contact Mirtade customer service. Refer to the contact information provided in your product packaging or on the official Mirtade website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Where is the self-cleaning button located on the Mirtade Hydrogen Water Bottle Generator Model 01?

Based on the manual for the Mirtade Hydrogen Water Bottle Generator (Model 01), there is no dedicated physical button labeled "Self-Cleaning." Instead, the self-cleaning mode is typically activated through a specific sequence using the...

[Read full answer](#)

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