



Hydrogen Inhaler User manual

OPERATING INSTRUCTIONS



Introduction

Congratulations on purchasing the AlkaWay Hydrogen Inhaler. We hope you enjoy many hours of beneficial hydrogen over the years to come.

And thank you for supporting our family business.

If you have any questions, please don't hesitate to contact us on 1800 268 469. We are here to help.



Why AlkaWay?

We have been in business since 2000, and we are an Australian-owned and operated company. In our opinion, a positive client experience starts with providing good service. Our goal is to maintain a high level of customer service, with an emphasis on continual improvement. Each customer's situation is different, and we recognise this, so we work hard to find the ideal solution for each one.

Why this Inhaler?

This hydrogen inhaler has been scrutinised extensively with inhouse testing, before we put our name to it. We consider this unit to be the best Hydrogen inhaler on the market today. It is intelligently designed with safety and user in mind.



Hydrogen
Rich water
bubbler



Hydrogen
Purity
99.9%



Smart
Indicator
Lamp



Security
Settings



SPE
Technology



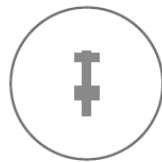
Hydrogen
Gas



Low Noise



200 to
1000ml/min



Water Level
detection

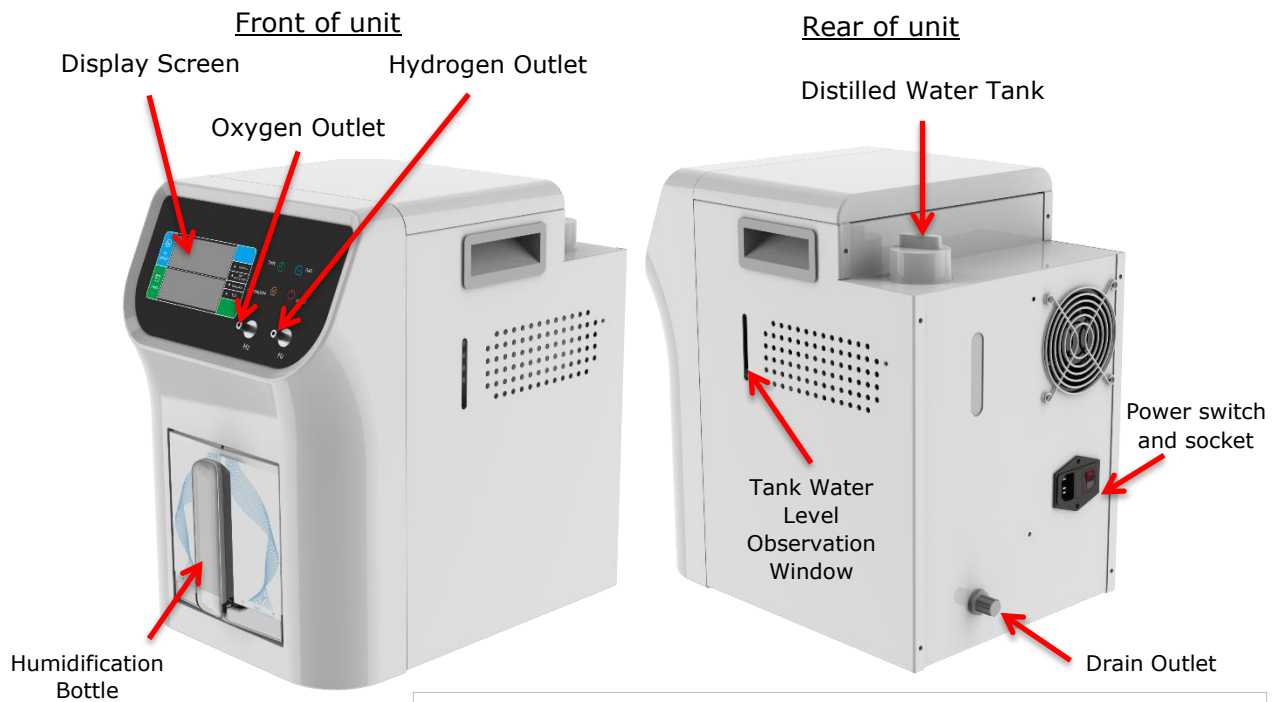


TDS detection

Table of contents

Introduction	2
How to operate	3
1. Unboxing	3
2. Using the machine for the first time	4
3. How to use the machine (Machine operation)	4
4. Precautions	5
5. Creating Hydrogen water with the nano rod bubbler	5
6. Inhaling Hydrogen	6
7. Inhaling oxygen and hydrogen together	7
Cleaning	7
Basic parameters	8
Disclaimer	8
Trouble shooting	9

(Please read this user manual carefully before using the Hydrogen Inhaler)



Only applies to units with the soft opaque silicon cap. When the machine is running, do not remove the opaque cap. As oxygen will stop flowing from the front outlet. Only remove this cap to add or replace the distilled water in the tank (this relieves pressure in the tank, allowing the black cap to be easily unscrewed). Replace the opaque cap before restarting the machine.

How to Operate

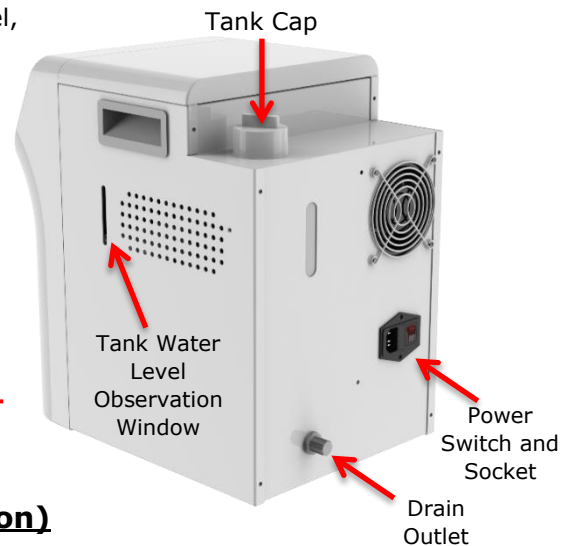
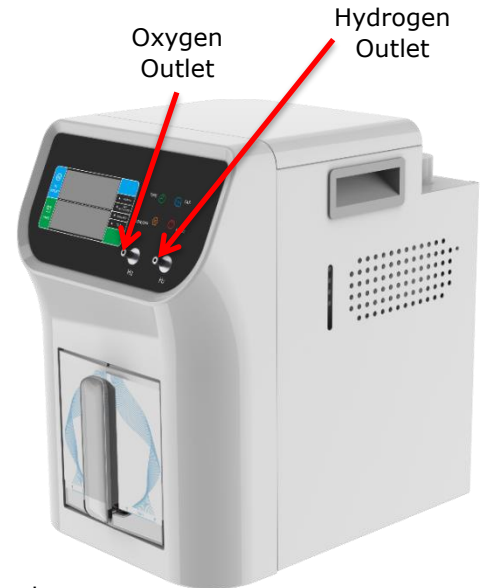
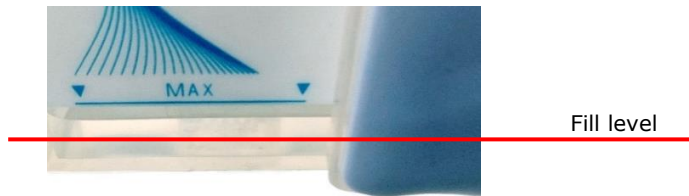
1. **Unboxing**

- Parts list
 - Hydrogen generator machine
 - TDS meter (LR44 button batteries not included)
 - Stainless steel nano-rod bubbler
 - Cannulas
 - White connection tubes
 - Y connectors
- First follow the instructions under the "Using the machine for the first time" section, and
- Read the Precautions section (Very important).**








2. Using the machine for the first time

1. Remove any caps on the Hydrogen and Oxygen outlets.
2. Unscrew and remove the tank cap, then pour distilled water (TDS<3) into the tank. Make sure the tank is at least $\frac{3}{4}$ full.
3. The drain outlet is located on the back of the machine. Position the back of the machine over a sink. Unscrew the drain cap. Water will pour out as soon as the cap is removed. Drain out about a third of the water. Then replace the drain cap.
4. This is to ensure that the system is flushed fully. Leave overnight to fully soak the membrane and to ensure that the electrolytic cell is fully wet.
5. Connect the power cord and turn the power on (power switch and cord socket is on the back of the machine). The machine will beep and the screen will turn on.
6. Unscrew and remove the tank cap and top up the water tank with distilled water (TDS<3). To check the water level, use the water level observation window on the back of the machine. Then screw the tank cap back on.
7. If the water level is low an alarm will sound until the water level is back above the minimum level.
8. Fill the humidification container halfway with water. Water may fill the bottle during regular use. Tip out extra water until the level is below the Max fill level.



3. How to use the machine (Machine operation)

1. To turn the machine on, the main power switch is located on the back of the machine (red switch).
2. Press the  button to set the total flow rate. Pre-set flow rates, 300, 600, 900, 1200 and 1500 ml/min. For initial use, start with a lower flow rate until you get use to the hydrogen.
3. Press the  button key to set the countdown clock. Pre-set times, 1,2,3,5 and 8 hours.
4. After setting the flow rate and the time, press the start  button to start the machine.
5. Press the  button to turn OFF and ON the background light and the display.
6. When the machine is working, press the  button to stop the machine and reset the timer.
7. Once the countdown timer reaches zero the machine will beep and stop generating hydrogen.
8. When you have finished using the machine, turn it off at the power switch, (the red switch on the back of the machine).

4. **Precautions**

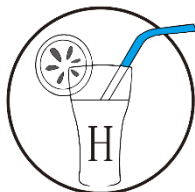
1. For adult use only.
2. **Use only distilled water with a TDS of less than 3 to avoid voiding your warranty.** Water with a TDS greater than 3 WILL damage the Cell. For the recommended brand of distilled water contact our Sales Support Team - 1800 268 469.
3. Always use in a well-ventilated or spacious room.
4. Operating temperature 5 to 30°C with a relative humidity of between 25 to 75°.
5. **Do NOT use near an open flame (including smoke, burning incense or cigarettes) or a heater, or anything that sparks or has an open flame (within 3m).**
6. Do NOT use when going to sleep. Remain awake at all times when using the machine.
7. Keep the power plug away from water.
8. Do NOT block the hydrogen and oxygen outlet holes when using the machine. Blocking these outlets will void the warranty.
9. Do NOT connect the bubbler to the Oxygen outlet, as the back pressure will cause damage to the cell and will void the warranty.
10. To maximise and maintain the optimal efficiency, the hydrogen generator should be rested for 2-3 hours after more than 2 consecutive hours of use. After each shorter time session, it is ideal to rest the machine off for 1-2 hours.
11. Don't use the machine without water in it, this too voids the warranty.

5. **Creating Hydrogen water with the bubbler**

1. Push one end of the white connection tube onto the small end of the nano-rod bubbler.
2. Push the other end of the white connection tube onto the Hydrogen outlet on the machine.
3. Keep the Oxygen outlet open (not covered).
4. Place the larger end of the bubbler into a glass of water and start the machine.
5. Set the flow rate to 600ml/min.
6. Hydrogen-rich water will take between 5-10 minutes. So, stop the machine after 10 minutes.

Hint: The colder the water the more Hydrogen can be absorbed by the water.

Caution: Only connect the bubbler assembly to the Hydrogen outlet. DO NOT connect it to the Oxygen outlet, as the back pressure will cause damage to the Cell and will void the warranty.

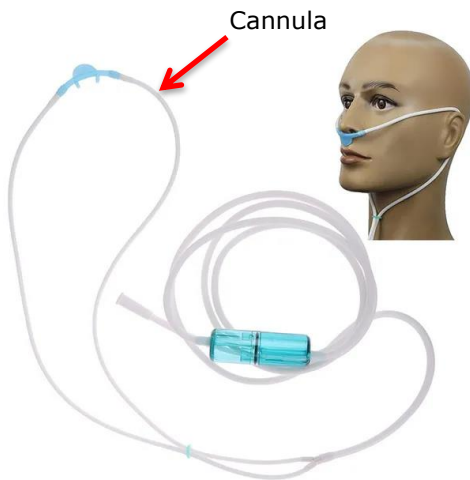
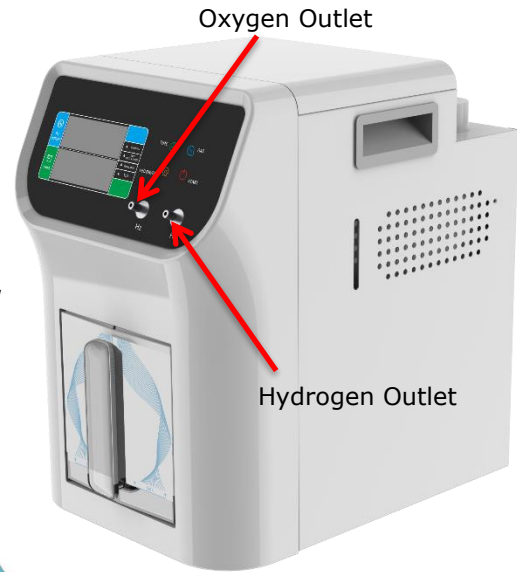


6. Inhaling Hydrogen

1. Push the white connection tube onto the Hydrogen outlet.
2. Keep the Oxygen outlet open (not blocked).
3. Fit the cannula onto your nose as shown below.
4. Turn on the machine.

Hints: Initially, start with 30 minutes a day at a flow rate of 300ml/min until the body gets used to the Hydrogen (1 week).

Short sessions are more beneficial than longer sessions (1 hour ideally). Also rest the unit for 1-2 hours between each 1-hour session.



Water Chamber

Cannula vapour chamber captures excess water vapour and water droplets from the tube. Empty after when needed.

5. Suggested flow rates

- 300-600 ml/min total flow for smaller sized and elderly people, for 1-hour sessions.
- 600-900ml/min total flow for the average to large sized people, for 1-hour sessions.

Setting on screen (Total flow ml/min)	Hydrogen (ml/min)	Oxygen (ml/min)
300	200	100
600	400	200
900	600	300
1200	800	400
1500	1000	500

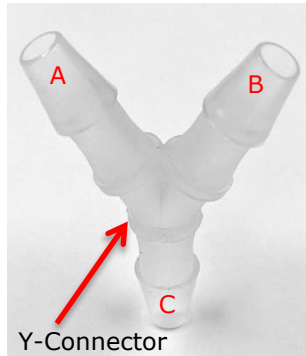
Caution: Do NOT use near an open flame (including smoke, burning incense or cigarettes) or a heater or anything that sparks within 3 meters.

7. Inhaling Hydrogen and Oxygen

1. Push one end of 1 white connection tube onto the Oxygen outlet and the other end onto the Y-Connector (see image below), connect to the end indicated by the letter A.
2. Push one end of another white connection tube onto the Hydrogen outlet and the other end onto the Y-Connector (see image below), connect to the end indicated by the letter B.
3. Push the connection end of the Cannula onto the Y-Connector (see image below), connect to the end indicated by the letter C.
4. Fit the Cannula onto your nose as shown in the Inhaling Hydrogen section above.
5. Then, turn on the machine. A Hydrogen setting of 300ml/min should give an Oxygen level of approximately 150ml/min.



White connection tube



Y-Connector



Cannula

Cleaning

1. If the machine is used for more than 3 hours a day, it is recommended to replace the water in the machine every 7 days.
2. Otherwise, it is recommended to replace the distilled water after every 20 hours of use.
3. To clean, simply position the back of the machine over a sink. Unscrew the tank cap, then unscrew the drain cap. Water will pour out as soon as the drain cap is removed.
4. Refill the tank with distilled water (TDS<3). Allow to soak for 60 minutes, then drain out the water. Refill again with fresh distilled water (TDS<3).
5. If transporting the machine, drain out all the distilled water. Once you're ready to use the machine again, refill the tank with distilled water (TDS<3).
6. If storing the machine for more than 2 weeks, drain out the distilled water. Once you're ready to use the machine again, flush the machine as above and then refill the tank with distilled water (TDS<3).
7. Periodically empty out the water in the humidification bottle (refer to images on page 3).



Distilled Water Tank

Water Level
Observation
Window

Drain Outlet

Caution: Use only distilled water with a TDS of less than 3 to avoid voiding your warranty. And don't use the machine without water in it, this too voids the warranty.

Basic parameters



Product Name	Hydrogen Generator
Model	HIM-19-06
Total Output	0 - 1500mL/min
Output Pressure	200kPa
Hydrogen Purity	99.9%
Input Power	<440W
Voltage	(AC)100V-240V 60Hz/50Hz
Water Tank Capacity	2L
Weight	10.6KG
Size	375mm (H) x 355mm (L) x 250mm (W)

Disclaimer

These products have not been medically evaluated and are not intended to diagnose, cure, treat or prevent disease. Seek medical advice if seriously ill or attempting to cure or prevent disease.

This product is not a medical device and is not advertised for any therapeutic effects.

Trouble Shooting

Issue	Possible Reason	Solutions
The machine is not starting	<ol style="list-style-type: none"> 1. Power plug is not plugged in properly 2. ON/OFF button has not been pressed 3. Is in screen saver mode 	<ol style="list-style-type: none"> 1. Check that the plug is plugged in properly 2. Check the Power is ON at the wall 3. Press the setting icon 
There is no Hydrogen gas	<ol style="list-style-type: none"> 1. Not enough water in tank 2. The cannula is not properly connected 3. The bubbler is not properly connected 4. TDS value of the distilled water is too high 	<ol style="list-style-type: none"> 1. Fill the water tank to the top line on the water viewing panel. 2. Ensure the cannula is properly connected and there are no tangles, kinks or that the tube is blocked with water 3. Replace and flush with distilled water (TDS<3) water in the tank and start it again 4. Contact your Sales Support Team
Imbalance error	<ol style="list-style-type: none"> 1. During operation the unit has been tilted over and will cause an imbalance error 2. Water level low 	<ol style="list-style-type: none"> 1. Place machine on a level surface and restart the machine. 2. Top up the water in the tank until error turns off
Abnormal display value	<ol style="list-style-type: none"> 1. Scale formation in electrolytic cell 2. The display is abnormal 3. The TDS value is too high 	<ol style="list-style-type: none"> 1. Contact your Sales Support Team - 1800 268 469
Alarm sound	<ol style="list-style-type: none"> 1. Water level is low, or 2. Water level too high 	<ol style="list-style-type: none"> 1. Add more distilled water (TDS<3) or 2. Drain out water from the tank until the water level is below the top (Max) mark on the water viewing panel
Screen blank	<ol style="list-style-type: none"> 1. Screen saver mode 2. Machine is not turned on 	<ol style="list-style-type: none"> 1. Press the setting icon  2. Turn on power

If you run into any other problems, contact your AlkaWay Sales Support Team on 1800 268 469 or email us at info@alkaway.com.au