

99.99% H<sub>2</sub> Molecular Hydrogen Portable Hydrogen Inhalation Machine H<sub>2</sub> Hydrogen Generator

150 m/min



## PRODUCT ACCESSORIES



- 99.99% H2 Molecular Hydrogen Portable Hydrogen Inhalation Machine 150ml H2 Hydrogen Generator

1. Rated Voltage : 70 W
2. Production Rate : 99.996%
3. Weight : 3 kg
4. Dimensions(L\*W\*H) : 168\*168\*280 mm
5. H2 Purity : 99.996%
6. H2 Floret : 150ml/min
7. Technology : Spa/Pem
8. Main Components : Main Components
9. Material : abs plastic
10. Benefit : Stable temperature control
11. Electrolytic Mode : Anode Pure Water Electrolysis
12. Rated Voltage : AC 220V 50HZ
13. Use Water Sources : Pure or Distilled water TDS <5

**450 ml/min**



## **Product performance description**

1. Hydrogen Output : 300 ml/min
2. Oxygen Output : 150 ml/min
3. Rated Power : 180N
4. Hydrogen Purity : 99.9%
5. Max Pressure : 0.5 MPA
6. Electrolysis Method : Anodic Pure Water Electrolysis
7. Rated Voltage : AC220V 50HZ
8. Weight : 10 kg
9. Key Selling Points : Low Noise Level
10. Dimension : 39X29X31 cm
11. Technology : Spa/Pem
12. Main Components : Cell
13. Material : abs plastic
14. Dimension : L248 \* W288 \* H348 mm
15. Water Source : TDS <5

PEM hydrogen-inhalation-machine, Proton Exchange Membrane (PEM) hydrogen absorber is a device that uses proton exchange membrane electrolysis technology to produce high-purity hydrogen gas for human inhalation.

The working principle of PEM hydrogen absorber is based on proton exchange membrane electrolysis technology. Water molecules are decomposed into hydrogen and oxygen in the electrolytic cell under the action of direct current. In PEM electrolysis cells, water molecules first decompose into oxygen and hydrogen cations (H<sup>+</sup>) under the catalytic action of the anode catalyst. Subsequently, H<sup>+</sup> passes through the PEM membrane (i.e. proton exchange membrane) and generates hydrogen gas under the catalysis of the cathode catalyst. Due to the effective separation of hydrogen and oxygen by PEM membrane, the hydrogen production purity of PEM electrolysis of water is high (>99.99%).

Main features

- High purity: PEM electrolysis hydrogen production technology can produce high-purity hydrogen gas, which is crucial for fields such as healthcare and scientific research.
- High energy conversion efficiency: PEM electrolysis of water for hydrogen production has a high energy conversion efficiency, which can more effectively utilize electrical energy to produce hydrogen gas.
- Fast response speed: PEM electrolyzers can quickly respond to changes in electricity, achieve fast start stop, and are suitable for matching the volatility of renewable energy generation.
- Small footprint: The PEM electrolytic cell has a compact structure and a relatively small footprint, making it easy to install and use.

**900 ml/min**





## Wellon Hydrogen Inhalation Machine 900 ml/min .

- Weight : 13.5 KG
- Dimension(L\*W\*H) : 315\*208\*395mm
- Technology : SPE/PEM Electrolysis
- Flow rate : 900ML/min
- Output power : 360W
- Purity : 99.996%
- Power supply : 110-240V/50HZ
- Oxygen flow : 300ML/min
- Hydrogen flow : 600ML/min
- Features : 2.5L large capacity, low noise, stable temperature control
- Material : Aluminum alloy shell, LCD HD display screen



## What Is Hydrogen ?

Hydrogen is a chemical element, the first on the periodic table. 2. The usual elemental form of hydrogen is hydrogen gas. 3. It is a colorless, odorless, highly flammable gas composed of diatomic molecules, lightest gas. 4. The smallest, lightest, most, most harmless and most obvious antioxidant effect in the world. Hydrogen has fast movement speed and strong penetration. After entering the human body, it is very easy to reach all parts of the body and the inside of tissues and cells. For example, hydrogen can reach the mitochondria and other fine structures in the cells, fundamentally adjusting the state of cells.

**Is Hydrogen Safe?** 1. The diver breathes hydrogen for diving 2. Official EU/US document - hydrogen is a food additive 3. Japan considers hydrogen inhalation a medical procedure

## Product Features

1. Reduce oxidative damage
2. Anti-inflammatory
3. Reduce apoptosis
4. Remove malignant free radicals

5. Enhance immune function For daily home use, 120-200 ml/min, 0.5-1 hour/day Promote cell metabolism, comprehensively improve the immune system body health effect. Relieve stress/fatigue. Alleviate aging, rejuvenate beauty. For clinic/spa commercial use, 600-1000ml/min, 1-2 hours each time Effective neutralization of free radicals in cells, improve obesity, emphysema adjuvant therapy, stroke Alzheimer Parkinson adjuvant therapy, treat neurological disorders and cerebrovascular diseases

## **Hydrogen & Oxygen Gas Inhalation Machine**

OxyHydrogen gas is a combination of hydrogen and oxygen gas produced from the electrolysis of water. This hydrogen(H<sub>2</sub>) and oxygen(O<sub>2</sub>) mixed gas includes 66.66% of hydrogen and 33.33% of oxygen, goes through the respiratory tract and lung, and ACTS on all the organs and cells of the body.

H<sub>2</sub> : O<sub>2</sub>=66.66% : 33.33% is based on:

1. Hydrogen and oxygen machine industry pioneer products also follow this ratio

2. The hydrogen and oxygen literature published in the international "Respiration" magazine also mentions that the ratio of hydrogen to oxygen is 66% and 33%.

Oxy-hydrogen gas (HHO) is a gaseous mixture of molecular hydrogen and molecular oxygen that is generated by the electrolysis of water and delivered in a 2:1 ratio (66% and 33%, respectively) through the use of noninvasive inhalation devices such as nasal cannulas or nebulisers. Although there is a paucity of scientific evidence supporting this new and emerging therapy, initial investigations indicate that HHO proffers cytoprotective qualities, typically by reducing oxidative stress and attenuating the inflammatory response. These aspects are particularly favourable when considering respiratory medicine because underlying inflammation is known to drive the pathological progress of numerous respiratory conditions, including asthma, chronic obstructive pulmonary disorder, and, pertinently, disease . Direct delivery to the lung parenchyma is also likely to increase the effectiveness of this emerging medical therapy.



**1350 ml/min**





## **PRODUCT DESCRIPTION**

Inhaling hydrogen has become a health supplement method that has received attention. It is claimed that inhaling hydrogen may have potential benefits in antioxidant, anti-inflammatory, anti-aging and protecting cell health.

THE MOST ADVANCED TECHNOLOGY IN 2023 : High grade Titanium + Platinum coating Electrodes. Uses DUPONT N117 ion membrane to remove ozone and chlorine. Advanced hydrogen producing capacity with 1000ml/m hydrogen flow + 500ml/min oxygen flow rate and 99.99% high Purify Hydrogen Inhalation Device

SPE-PEM : The Hydrogen Inhalation Machine comes with the latest SPE(Solid Poly Electrolytic technology) + PEM(Proton Exchange Membrane) dual chamber solution. It has strong pressure resistance, strong hydrogen production ability and does not produce harmful gases such as residual chlorine and ozone

## **Product specification**

Hydrogen Flow : 900ml/min

Oxygen Flow : 450ml/min

Power: 220V 50Hz

Noise: <= 60 dB

Size: 315\*208\*395mm

Rated Power: 400W

Use temperature/humidity: 5 °C -40 °C, <= 80%RH

Maximum Pressure : 0.5lpa

Electrolytic mode : Anode Pure Water Electrolysis

Water Sources used : Purified water or Distilled water (TDS <5)

Accessories: Host, instructions, NASAL TUBINGS, Hydrogen DISSOLVD ROD, power cord.



## **Hydrogen Feature**

### High Permeability

Smallest, fastest moving speed, strong permeability, can quickly diffuse into any cell structure

### High Selectivity

Only toxic reactive oxygen species are neutralized, but function free radicals involved in the normal metabolism

are not affected


### High Safety

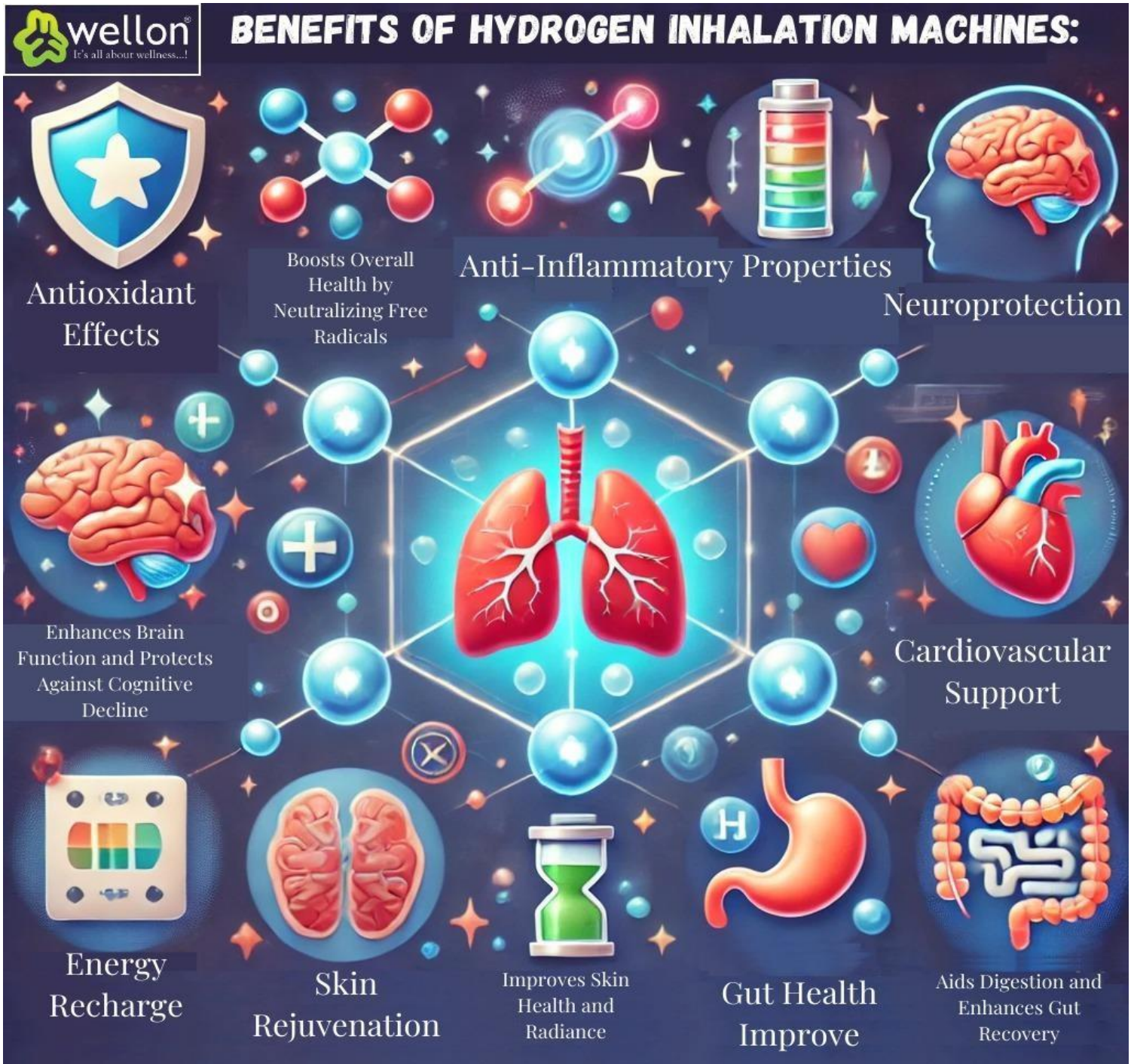
The diver breathes hydrogen gas for diving, even high concentration of hydrogen has no toxic effects, and human

gut bacteria constantly produce hydrogen

## BENEFITS OF WELLON HYDROGEN INHALATION

### MACHINES :

 **BENEFITS OF HYDROGEN INHALATION MACHINES:**



**Antioxidant Effects**

Boosts Overall Health by Neutralizing Free Radicals

**Anti-Inflammatory Properties**

**Neuroprotection**

Enhances Brain Function and Protects Against Cognitive Decline

**Cardiovascular Support**

**Energy Recharge**

**Skin Rejuvenation**

Improves Skin Health and Radiance

**Gut Health Improve**

Aids Digestion and Enhances Gut Recovery