



**Pure Wellness
in
Every Breath**

Bio Pure Hydrogen Inhaler



A Healthy H_2 Life Starts with Breathing

Oxygen sustains life Hydrogen uplifts it!

Centuries ago, reports emerged in the UK highlighting the potential medicinal effects of H_2 ¹. Since then, H_2 has garnered increasing attention in the medical field and is recognised as an emerging therapeutic medical gas. Its supplemental application exerts potential protective, preventive, and therapeutic effects⁴ across a spectrum of conditions, including cardiovascular diseases, neurodegenerative diseases, inflammatory diseases, neuromuscular disorders, metabolic syndrome, diabetes, kidney disorders² and even respiratory system diseases³.

To date,

>2000

publications on the medical effects of hydrogen have been published worldwide

Among these

>1300

publications

It is suggested that hydrogen has potential therapeutic effects in

170+

different human and animal disease models.

More than

100

clinical trials

Source:

LeBaron et al 2023

What is

H_2



H_2 is the **smallest molecule** in the world, **lighter than air**



It is colourless, tasteless, odourless and non-toxic

It possesses strong permeability and rapid diffusion capabilities

When H_2 enters the body, it rapidly diffuses throughout, passing through various tissues and cells, including the blood-brain barrier. Hence, it is widely applied as adjunctive or supplementary therapy for certain medical conditions⁶



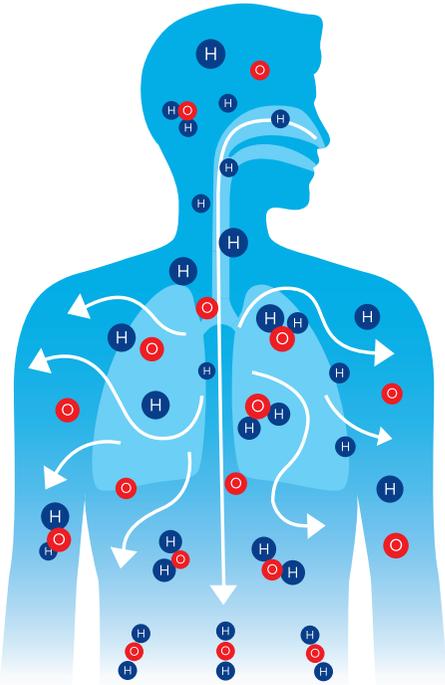
One of the most powerful antioxidants.

Exhibiting anti-inflammatory, anti-ageing, anti-allergic, and anti-oxidative effects^{4, 5}



In 2017, the **Japanese Government recognized H_2 inhalation therapy** as an "advanced medicine"¹

Research has revealed that inhaling **1–4% of H_2** demonstrates great efficacy in medical applications, and the use of H_2 at such low concentrations has been **deemed feasible and safe**⁴



The SMART anti-oxidant

It selectively targets and neutralises harmful free radicals^{8, 9}

(such as hydroxyl radicals and reactive oxygen species derived from lipids). This is in contrast to other typical antioxidants that may neutralise all types of free radicals, regardless of their impact on the body

Harmful Free Radicals + H₂ =
Forms water and excreted from the body

Hence, supplementation of H₂ does not disrupt the body's normal functions

 Hydrogen

 Radicals



Free radicals in the body trigger oxidative stress responses, leading to impaired cell function, accelerated ageing, and an increased risk of certain diseases.

Pollution

UV radiation

Stressful lifestyle

Smoking / Alcohol consumption

The Source of All Diseases:

FREE RADICALS

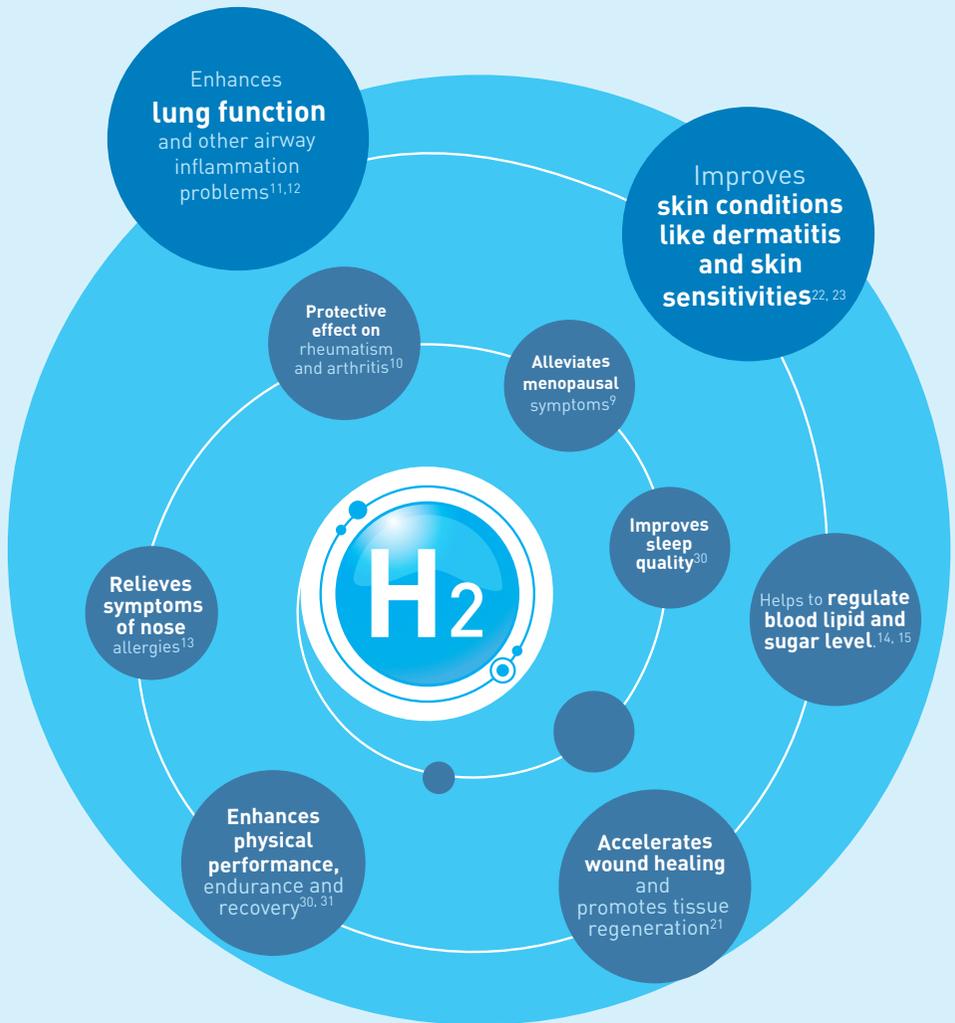
They Are The Hidden Threats of Modern Life

Food additives

Irregular sleeping patterns

Radiation from computers, smartphones, and other electronic devices

The Benefits of Hydrogen Inhalation





Introducing

BIO PURE[®] Hydrogen Inhaler



Hydrogen Purity is
99.996%

High Purity for
Optimal Benefits



Long-lasting

The patented electrode
has a service shelf life of

5,000 hours



**Portable &
Efficient**

**Energy efficient,
consuming only 60
watts per hour**

(60W = 15 minutes of
air conditioner usage)



Sleek and Silent

The device operates with
a **noise level as low as
35 decibels**, equivalent
to the volume of 2 people
whispering.

6 Functional
Advantages of
Hydrogen Inhaler



**Intelligent Safety
Detection System**

- i. Low water detection -**
Triggers when water level
is below 300ml.
- ii. Slant detection -**
Activates if tilted angle
exceeds 15 degrees.
- iii. Over pressure
protection -**
Activates when silicone
tube is folded.
- iv. TDS quality -**
categorised into 3 grades,
Excellent (Green);
Good (Yellow); Bad (Red).
- v. Overheat protection -**
Halts operation to allow
device to cool down.
- vi. Filter replacement
reminder -**
Prompts to replace filter
after approximately
6 months of normal
daily usage.



**Effortless Hydrogen
Production with a
Single Touch**

**Featuring a
one-touch button**
for hydrogen production
with customisable timer
settings, ranging from
30 minutes to 3 hours.

BIO PURE[®]

3 Patented Technologies

1

Patented Safety Design

- The internal structure features a 304 stainless steel frame, ensuring sturdy internal and external connections
- Durable body, withstands falls

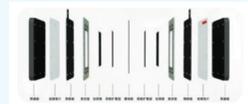
[Verified through a 1-meter drop test, with no internal damage and continued normal functionality.]



2

Patented Electrolyser

- Utilising ultrasonic thermal transfer printing technology to produce core membrane electrodes, ensuring uniform plating and extended longevity
- Encasing the electrolyser with titanium plates and titanium felt to **provide high stability, robust corrosion resistance, and anti-leak capabilities (air & water) while maintaining consistent voltage** (even with prolonged usage)



3

Patented Water and Vapour Separation Structure

- The hydrogen gas produced after electrolysis is separated from the water using a water vapour separator, **effectively reducing water content in the hydrogen gas, resulting in higher hydrogen purity**



BIO PURE[®]

Hydrogen Inhaler

Compact and Portable, Minimalist design

Device Handle
Water Tank Lid
Operation
Display Screen



Hydrogen Outlet

Product Information :

Purity	99.996%
Flow Rate	150m/min
Net Weight	2.2kg
Power	60w
Recommended Water	Purified or Distilled Water

Suitable for:

- Sub-healthy individuals
- Elderly individuals
- Residents of high-altitude regions
- Fatigued individuals / lacking energy
- Stressed workers / individuals
- Individuals in high oxidative stress environments (living in highly polluted areas, working in high radiation environments, or exposed to toxic substances)
- Individuals with digestive, immune, or respiratory system issues
- Athletes / sports enthusiasts
- Health-conscious individuals
- Insomnia/poor sleepers
- Individuals concerned with beauty and anti-ageing

DRINK WATER INHALE H₂ GAS

An Enriching
Two-In-One Approach To Wellness



Using different approaches to hydrogen intake yields varying health effects

Inhaling Hydrogen Gas

Provides substantial support in managing respiratory problem¹.

Drinking Hydrogen Water

Provides optimal enhancements for gastrointestinal health (digestive disorders, metabolism-related conditions)¹.



Embrace the New Era of Hydrogen Wellness Today!

All information herein is for educational and informational purposes. The products shown herein are not intended to diagnose, treat, cure or prevent any disease or substitute qualified medical professionals' advice. No warranty (express/implied) has been given as each individual may experience different benefits or reactions. Whilst every reasonable care has been taken to ensure its accuracy, the Company or anyone on its behalf accepts no liability for any errors, inaccuracies, omissions of the information or views and opinions expressed.

Note: Check appendix for references.