

2100 CC / minute
For clinical & Wellness indications



The technology:

High-tech Polymer Electrolyte Membrane also known as Proton exchange Membrane (PEM) produces hydrogen with the purity of 99.99%

Hydrogen gas generator uses PEM cell to split sterilized distilled water back into its elemental components of Hydrogen and Oxygen. The results in an output of breathing in gas made up of 66.6% H₂ and 33.3% O₂ suitable for medical applications.

*Delivers highest **output of 2100 CC per minute** intended for effective treatment be it for clinical wellness indications.*

Bio-Mechanical action:

Molecular hydrogen due to its small size and bioavailability, it easily crosses cell membranes, the blood brain-barrier and accesses parts of the cell that other antioxidants are too large to reach. H₂ is the perfect antioxidant mediator, anti-inflammatory, and anti-apoptotic molecule without effecting cell signaling.

Hydrogen (H₂) is reported to have no cytotoxicity even at high concentrations. The non-toxic and quick sub-cellular diffusion features of this medical agent guarantee the practicality and propensity for its clinical application.

Proven:

There have been over 1200 scientific studies and publications on the therapeutic potential of H₂, showing it to be beneficial for over 170 disease models.

Brief about Molecular Hydrogen:

Due to its small size and bioavailability, it easily crosses cell membranes, the blood brain-barrier and accesses parts of the cell that other antioxidants are too large to reach.

Molecular hydrogen (H₂) inhalation therapy is distinctive antioxidant, anti-inflammatory agent with strong free radical scavenging ability, which has been demonstrated to be effective for treating various diseases.

H₂ is the perfect antioxidant mediator, anti-inflammatory, and anti-apoptotic molecule without effecting cell signaling. The important effects of cell activation, suppression of pathways, interacting with other antioxidants to promote cytoprotection are significant. All these biological effects rise to resolving many diseases such as neurodegenerative, autoimmune, cardiovascular, respiratory, allergies reactions and much more.

Molecular hydrogen inhalation will be at the forefront of medicine and will make surging strides as simple treatments from wellness, sports medicine to critical medical care. Inhaling the correct dosage of molecular hydrogen takes around 20 minutes to reach cells in all parts of your body.

Inhalation Method:

Inhalation of molecular hydrogen gas is a straight forward and effective therapeutic method that utilizes our state-of-the-art hydrogen-oxygen generator. A nasal cannula is connected to the equipment from a patient for effortless inhalation. Molecular hydrogen must be delivered with an approved and commercially available tool.

Safety:

Hydrogen has been granted GRAS (Generally Regarded As Safe) status by the FDA, and in studies going back to the 1940s, no toxic effects of hydrogen consumption have ever been reported.

Specifications:

| Spec | measurement | H-2000 |
|------------------------------|-------------------|--|
| Hydrogen gas generation | cc / min | Molecular hydrogen: 1,400cc, Oxygen: 700 cc . Total: 2,100cc |
| Hydrogen – oxygen gas purity | % | Each > 99.99 |
| Output | bar | 1 |
| Power / current | W | 960 |
| voltage | V | 110~240 (Vac) |
| Water tank capacity | L | sterile distilled water 2L |
| Operational condition | Indoor 5°C ~ 45°C | <80 % Indoor humidity |
| weight | Kg | 28 |
| Product dimensions | mm | L: 620 x H: 525 x W: 230 (mm) |

Note: Use only sterile distilled water as an electrolysis medium. Using other than sterile distilled water may damage the device.

Manufacturer: Hue Light Co. Ltd, Korea

Exclusive distributor in India:

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