

Doctors Man CATALOG



Doctors Man Co., Ltd.

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<http://www.doctorsman.com>

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**As a pioneer in hydrogen industry,
Doctors Man's declaration is:**

**develop safe and effective products,
create correct hydrogen business environment
based on scientific facts,
and let people have tomorrow's health.**

"Antioxidant hydrogen will become the trump card of human health in the future"

"I hope patients drink hydrogen water every day"

This doctor's advice prompted us, we have begun our challenges since then.

Since inception, we have been continuously listening to customers' voices and needs and developing various unique hydrogen products with epoch-making technology.

So far, our hydrogen products have been spread all over Japan in chain fitness facilities, hospitals, clinics, company lounges, construction sites professional athlete clubs including Olympic athletes, etc.

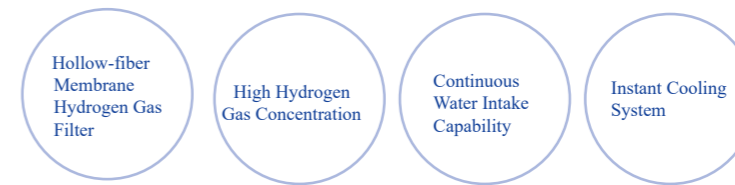
Now our hydrogen products usage circle is constantly expanding. In addition to Japanese domestic market, we have established a solid market strategic partnership in overseas markets as well.

As a pioneer in the popularization of hydrogen, *Doctors Man's* dream is to allow everyone in the world to easily enjoy safe hydrogen products, contribute to therapeutic and prevention medicine areas, let more people satisfy their desire for a longer healthy life. We will continue to explore and challenge new realms.

Large-size vending machines are suitable for various public places, such as gyms, yoga studios, golf clubs, hot spas, clinics, hospitals, shopping malls, health care facilities, elderly welfare facilities, hotels, restaurants, swimming pools, amusement centres, airport lounges, and so on.

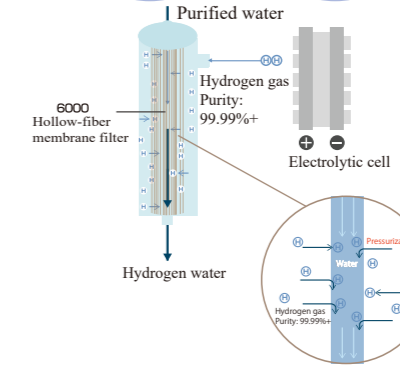


Commercial use vending machine "H₂ So-nano"



Any water containers are applicable

Not only our specialized vacuum H₂-Bags but also any other water containers such as plastic bottles are applicable.



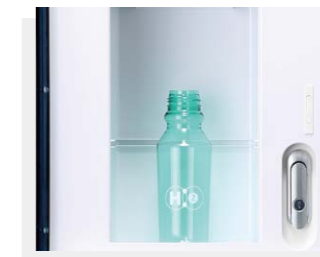
Patented hollow-fiber membrane filter generates safe high concentration pure hydrogen water.

The patented special hollow-fiber membrane allows only hydrogen gas to permeate, so that the purity of hydrogen can reach more than 99.99%, which ensures hydrogen water safer and higher purity. Pressurized structure and special nanotechnology ensure that hydrogen water concentration is as high as 2.4-3.6ppm.



Water intake multifunctional identification management system can be designed according to requests to manage sales performance.

IC card payment system
QR code-based payment system
Face recognition system
Fingerprint identification system
Finger vein authentication system



The speediest water intake server

Built-in instant cooling system.
500ml hydrogen water generation only takes 20 seconds.
No concerns about long waiting line when many people drink water in facilities such as gyms, restaurants, etc.



High-definition screen can continuously play back promotional videos.

Built-in OS system
Touch-sensitive high-definition LCD screen
Promotional videos can be set according to needs.



Member management system

Membership facilities such as gyms, golf clubs, etc. can set up a management system for status of utilization.



H2 JV3
Large size touch-sensitive high-definition LCD screen

Model	H2 JV3
Dimension	W360 x D568 x H1706
Weight	95kg
Rated voltage	AC100V 50 / 60Hz
Rated power	450W
Hydrogen dissolving unit	Hollow-fiber membrane filter Nano bubble dissolution system
Purity	99.99% + (Dry state)
Concentration	2.4ppm (MAX3.6ppm)※
Cooling system	Built-in unique cooling system without cooling water bucket
HD LCD screen	15in touch-sensitive HD LCD screen

※ This data of hydrogen water concentration is provided by JHyPA (Japanese Molecule Hydrogen Promotion Association)
Measuring method: Gas Chromatography (GC)

H2 JV2



Dimension	W360 x D600 x H1580
Weight	70kg
Rated voltage	AC100V 50 / 60Hz
Rated power	250W
Hydrogen dissolving unit	Hollow-fiber membrane filter Nano bubble dissolution system
Purity	99.99% + (Dry state)
Concentration	2.4ppm (MAX3.6ppm)※
Cooling system	Built-in unique cooling system without cooling water bucket
HD LCD screen	Upper screen 14inch Lower screen 21inch

H2 JV1



Dimension	W362 x D448 x H1733
Weight	97kg
Rated voltage	AC100V 50 / 60Hz
Rated power	250W
Hydrogen dissolving unit	Hollow-fiber membrane filter Nano bubble dissolution system
Purity	99.99% + (Dry state)
Concentration	2.4ppm (MAX3.6ppm)※
Cooling system	Built-in unique cooling system without cooling water bucket
HD LCD screen	10.4inch

The right side of LCD screen is equipped with an automatic detection hydrogen concentration indicator

Doctors Man Hydrogen Gas Inhaler

99.999% + Super high purity
 24 hours a day 365days non-stop run
 50,000 hours long service life
 Safe and stable advanced new technology



Dual-use Hydrogen Gas Inhaler & Injector "One Stone Two Birds"

- Super High Purity
99.999% +
- 24hours a day
365 days
Non-stop run
- Easy Operation
- Dual-use
Device



High durability
 This is the only hydrogen gas inhaler that can run 24hours a day and 365days in the world.



Super High Purity
 Hydrogen gas purity 99.999%+



3 steps to operate
 1. Turn the power on
 2. Push the hydrogen gas generation button
 3. Plug in the cannula to start inhalation button



Buid-in water detector
 If water quality is not qualified or water quantity is not enough, the red E (error) lamp will automatically beep and blink.



Optional Design : Hydrogen Gas Injector

In order to meet the demand for high-concentration hydrogen water, we can easily transform the inhaler into a high purity hydrogen gas injector to generate pressurized high concentration hydrogen water through a special design. Standard concentration of bottled hydrogen water can reach 3ppm-5ppm.

For special request for a higher concentration, we can also reconsider of special design.

Mega-hydrogen Therapy



Beauty salon

Sports institute



Hospital

Clinic



Hydrogen Gas Inhaler

Model	H2J11
Purity	99.999% +
Flow	250cc/min
Max pressure	700Kpa
Rated power	140W
Rated voltage	AC100V 50/60Hz
Environment	TEMP15~35°C Humidity0~80%
Water tank capacity	2.5L
Dimension	W230mm x D370mm x H1480mm
Weight	13kg

This hydrogen beverage vending machine will bring you a different taste and healthy life

Variable beverage options: fresh and delicious hydrogen tea, hydrogen coffee, hydrogen mineral water

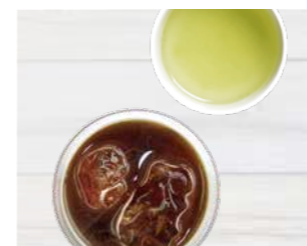


Water Cup Type Hydrogen Beverage Vending Machine

High concentration

Set temperature according to personal preference

Select your favorite beverage



Hydrogen will become the trump card of human health in the future as an excellent selective antioxidant. Let the power of hydrogen maintain us good health and stay young and vigorous.



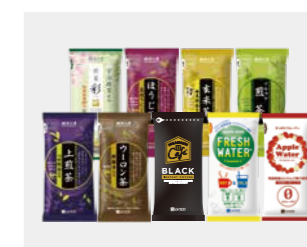
Good taste and high hydrogen concentration

High-performance purification function ensures water safe and good taste.



Freely choose your preferred temperature and type of beverages:

Hydrogen hot coffee, hydrogen cold coffee, hydrogen hot tea, hydrogen cold tea, hydrogen water, etc.



Freely select and set up your preferred types of tea and coffee



Simple maintenance, easy to operate

Related parts can be disassembled to clean separately. Easy to maintain



Perfectly suited to lease and other business purpose.



Hydrogen beverage vending machine

Model		H2 KC1
Function	Beverage types	Hot beverage: 4 options Cold beverage: 4 options Water : 3 options (hot, cold, iced)
	Hot beverages	Water tank capacity : 5.6L Supplied water TEMP : 20°C 80ml/cup Approx. : 400 cups + (Generated TEMP : 70°C or higher)
	Cold beverages	Cooling system: Cooling pipe connected to cooling tank Supplied water TEMP : 25°C 80ml/cup Approx. : 180 cups + (Generated TEMP: 10°C or lower)
	Material	800ml x 4
Capability	Cooling compressor	Hermetic cooling compressor (Refrigerant HFC-134a 70g)
	Rated power	Beverage supply : AC100V 50/60Hz 1040w 50/60Hz 175/190w
D Type (Body only)	Concentration	1.0ppm or more (hot and cold water side)
	Water supply and drainage method	Directly connect to water source / drain
	Dimensions	L 450mm x W 515mm x H 880mm
P Type (CAT-10LW)	Weight	37kg
	Water supply and drainage method	Directly connect to water source / drain
	Dimensions	L 450mm x W 515mm x H 1,530mm
T Type (CT-33LW)	Weight	53kg
	Water supply and drainage method	Water supply at bottom / container
	Dimensions	L 450mm x W 515mm x H 1,530mm
	Weight	61kg

Unique portable hydrogen gas injection equipment

Inject ultra-high concentration hydrogen gas for bottled beverages



"Days" is developed by our epoch-making advanced patented technology. It only takes 3 seconds to generate ultra-high concentration 3~10ppm (special setting can achieve 16ppm) hydrogen beverage, suitable for commercial purpose places, such as hospitals, clinics, and beauty hospitals, yoga studios, sports fitness facilities, restaurants, etc.

It is also suitable for home use as well, especially for the elderly and severely ill people who cannot drink a lot of water due to their physical conditions. Days will be a perfect choice.



Unique hydrogen gas injection brand



It only takes 3 seconds to generate high-concentration hydrogen mineral water, hydrogen hot water, hydrogen hot tea, hydrogen hot coffee, hydrogen hot milk, hydrogen iced juice and other flavor beverages without being affected by temperature and water quality.

- No need to set up
- Suitable for various hydrogen beverages
- Compact size Light weight



Only takes 3seconds to finish injection

The purity of hydrogen is over 99.9%. Hydrogen concentration can reach 3~10ppm by adjusting the pressure.



Desktop type, compact size, light weight, no power required, easy to carry

DAYS is not only suitable for indoors such as restaurants, bars, but also outdoor activities such as picnics and camping without a power supply requirement. It is suitable for both commercial and home use.



Instantly generate various of high-concentration hydrogen beverages without being affected by water temperature, such as hydrogen juice, hydrogen milk, hydrogen tea, hydrogen coffee, hydrogen mineral water, etc.



Stable pressure and safe operation

Standard hydrogen concentration range: 3ppm ~ 10ppm For special request, it can be adjusted down to 1.6ppm, up to 16 ppm.



Reusable dedicated cap with a check valve

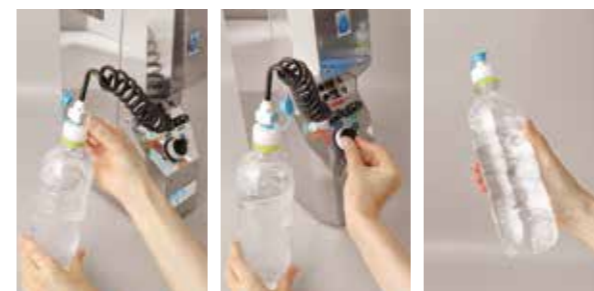
This dedicated cap with a check valve is designed for DAYS. Its small top hole prevents air from entering bottle, keeping the bottle at a high pressure state and maintaining high hydrogen concentration for a longer time.



Suitable for many people continuous use

This bottle with the dedicated cap is easy to carry, suitable for membership facilities such as gyms, golf clubs, beauty salons, yoga studios and hot spring clubs, etc.

Hydrogen gas injection is simple and easy to operate



- ① Connect the dedicated bottle cap with the coupling part of DAYS.
- ② Turn on the pressure button of DAYS, inject hydrogen gas about 3 sec.
- ③ Put on the bottle cap, shake the bottle to completely dissolve hydrogen gas.



Hydrogen Gas Injector

Model	TM-1
Dimension	W110 x D230 x H360
Weight	5kg (Inclusive of 200L hydrogen tank)
Rated voltage	AC100V (When using the heater)
Rated frequency	50Hz ~ 60Hz
Hydrogen generation pressure	Standard 2~3 atm (Max 9atm)
Dissolving hydrogen concentration	1.6ppm~10ppm + ※
Color	Silver

※ This data of hydrogen water concentration is provided by JHyPA (Japanese Molecule Hydrogen Promotion Association) Measuring method: Gas Chromatography (GC)



While continuing to develop our own new technologies, we *Doctors Man* are also committed to cooperating with the authoritative medical and research institutions in Japan to conduct medical research.

Our mission is to continuously develop the world's top technologies based on scientific facts and medical research, to promote hydrogen industry development, contributing to human health with more effective products.

While continuing to develop our own new technologies, we are also committed to cooperating with the authoritative research and medical institutions in Japan to conduct medical research to contribute to the common development of medical research and hydrogen industry.

In order to develop safer and more effective hydrogen products, we strive for excellence in quality with the spirit of craftsmanship, and constantly explore the world's latest technological fields.



Doctors Man's technicians have focused on hydrogen technology research for decades with craftsmanship spirit. Doctors Man's leading product technology is the crystallization of their wisdom and experience. As a pioneer in the hydrogen industry, Doctors Man not only continuously challenge the world's latest technological difficulties to develop new products, but also having supported other companies to upgrade their technologies in recent years.

Doctors Man cooperates with Japan's authoritative hydrogen medical research institutions to jointly carry out hydrogen medical research to promote the common development of medical research and hydrogen industry.



Diverse medical fields contributed by H₂ medicine

Emergency & Disaster medicine / Battlefield



In the hospital



General / Home



October 2, 2019
Keio University School of Medicine

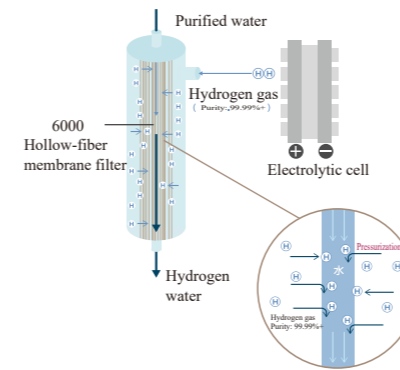
**Resuscitation of Marginal Donor Organs Following Circulatory Arrest
Development of Hydrogen-Rich Organ Preservation Solution Using
Hydrogen-absorbing Alloy Canisters**

A research team at the Keio University School of Medicine, led by Project Professor Eiji Kobayashi and Associate Professor of Cardiology Motoaki Sano, through joint research with Doctorsman Co., Ltd. (President So Hashimoto), has shown that by quickly injecting hydrogen gas into an organ preservation solution¹, an injured organ removed from an older miniature pig (donor) can be resuscitated and used as a transplant organ, even after circulation has ceased for a certain period of time.

Main joint research institutions

Keio University School of Medicine, Showa University School of Medicine ER, Yokohama University Pharmacy, Kitasato University School of Veterinary Medicine, Nippon Veterinary and Life Science University, Gifu University Faculty of Applied Biological Sciences

Doctors Man's patented technology



Pressurized Dissolution Nano Bubbling System

The patented special hollow-fiber membrane allows only hydrogen gas to permeate, so that the purity of hydrogen can reach more than 99.99%, which ensures hydrogen water safer and higher purity. Pressurized structure and special nanotechnology ensure that hydrogen water concentration is as high as 2.4-3.6ppm.

※Dissolved hydrogen concentration test : 60 ℓ /hour x continuous water discharge 8 hours = 480 ℓ
※ Patent No. : 6185445



Hydrogen generation core : Doctors Man Hydrogen and Oxygen Separation Electrolyzer

This core hydrogen generation electrolyzer is originally developed by Doctors Man. It is a hydrogen and oxygen separation unit. It has ultra-high stable hydrogen generating capacity at least 12,000 liters of water, which means it can reach about 10 years or more service life. There are two types: Pressurized hydrogen gas dissolution type and Water electrolytic dissolution type.

※ Patent No. : 6371489



Hydrogen concentration indicator

This figure shown on the indicator is a real-time detected actual dissolved concentration, so consumers can observe the actual concentration of hydrogen water when drinking instead of the theoretically measured concentration. By this indicator, we have solved the problem that users are not able to accurately measure the concentration of hydrogen water.

※ Patent No. : 6521773



Portable hydrogen gas injector

The patented technology of alloy pressure storage hydrogen tank is an epoch-making new technology. In addition to patented technology of check valve, the perfect combination of these two technologies has formed this unique brand **4Days**

※ Patent No. : 5710039
※ Patent No. : 5710050



Prevention of air backflow check valve integrated bottle cap

After high pressure hydrogen gas is injected into bottled water, this vacuum check valve cap can maintain the stability of internal pressure and prevent air from entering the bottle, so that the concentration of hydrogen gas dissolved in water will not drop.

※ Design Registration No. : 1552712



Dedicated hydrogen water storage container H₂-BAG

This dedicated hydrogen water storage container can keep hydrogen concentration for 7 days. Its internal structure and check valve are patented technologies.

※ Patented in : Japan , USA , China Mainland, Hong Kong , Taiwan , and Korea

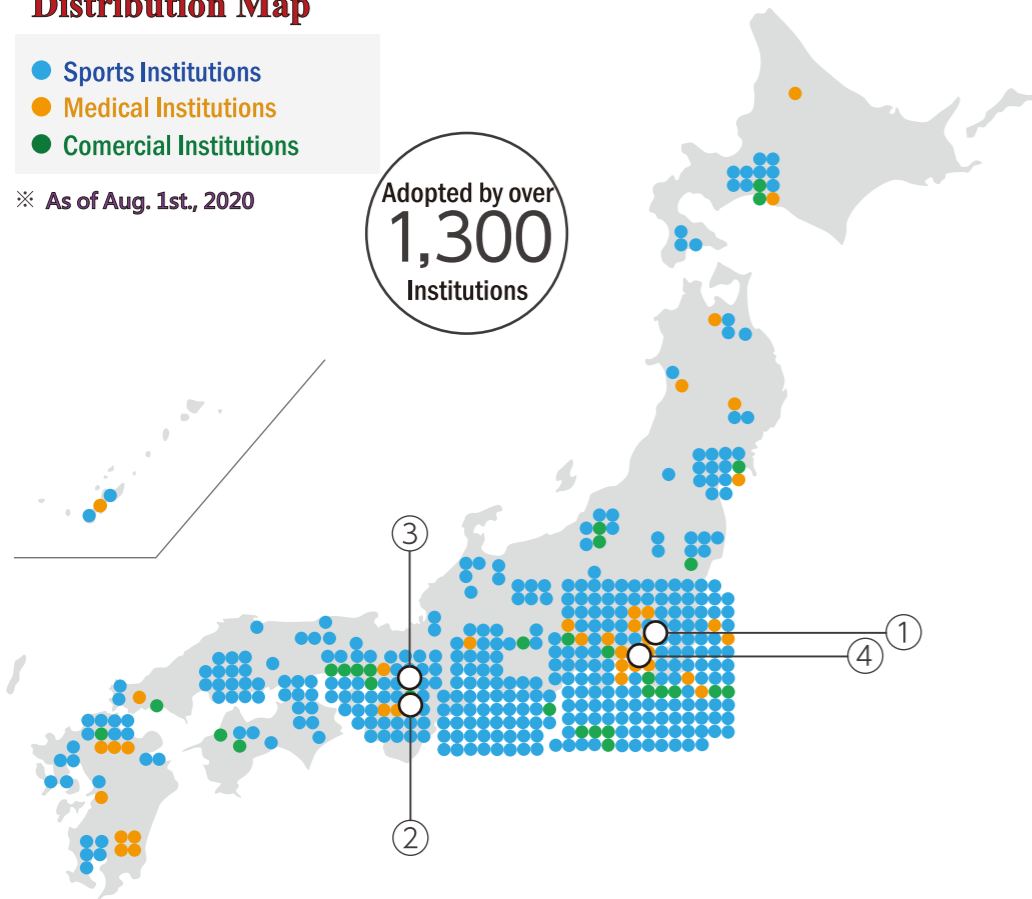
Business Locations and Japan Domestic Sales Status

Distribution Map

- Sports Institutions
- Medical Institutions
- Commercial Institutions

※ As of Aug. 1st., 2020

Adopted by over
1,300
Institutions



① Doctors Man Headquarters



② Kansai Branch and Plant



③ Technology R&D Center



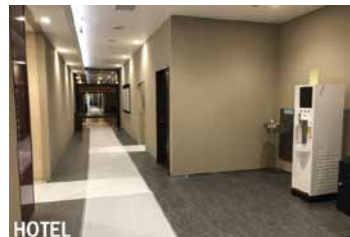
④ Maintenance Center

Adoption Examples

● Adopted by Sports Institutions



● Adopted by Commercial Institutions



HOTEL



COMPANY

● Adopted by Medical Institutions



KEIO UNIV

HOSPITAL

Company Profile

Name of Corporation	Doctors Man Co., Ltd.
Representative of Corporation	President So Hashimoto
Established Year	2005

Patent Certificates



Qualifications from Japanese Government



Joined Organizations

