



Total Health Water Presentation

“One of a Kind” Opportunity for:

AREGA



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Safe

“Total Health Water”

Delicious

Health Promoting


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INTRODUCTION

AREGA is dedicated to enhancing the health and well-being of people by delivering premium, high-concentration hydrogen-rich water (“**Total Health Water**”).

We combine advanced electrolysis technology with natural mineral infusion to produce water that supports antioxidant activity, immune function, and overall vitality .

We invite qualified resellers to partner with us in bringing Total Health Water servers to wellness-oriented consumers, healthcare facilities, fitness centers, and premium hospitality businesses.

A close-up photograph of water splashing, with many small droplets and bubbles visible. The background is a soft, out-of-focus green and yellow, suggesting a natural setting like a waterfall or a stream.

One of a Kind Product

**Total Health Water
stands alone — no
other product
today can match
what it delivers.**



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Hydrogen Water Health Benefits

Hydrogen water removes only harmful reactive oxygen species that cause disease and promote aging from the body.

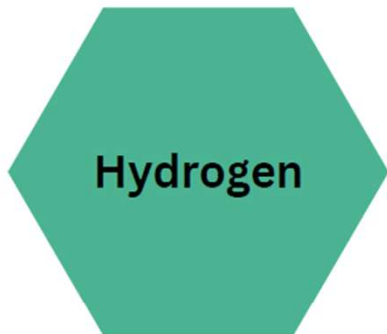


Hydrogen



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Hydrogen Water Health Benefits

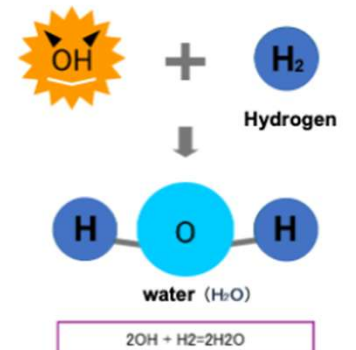
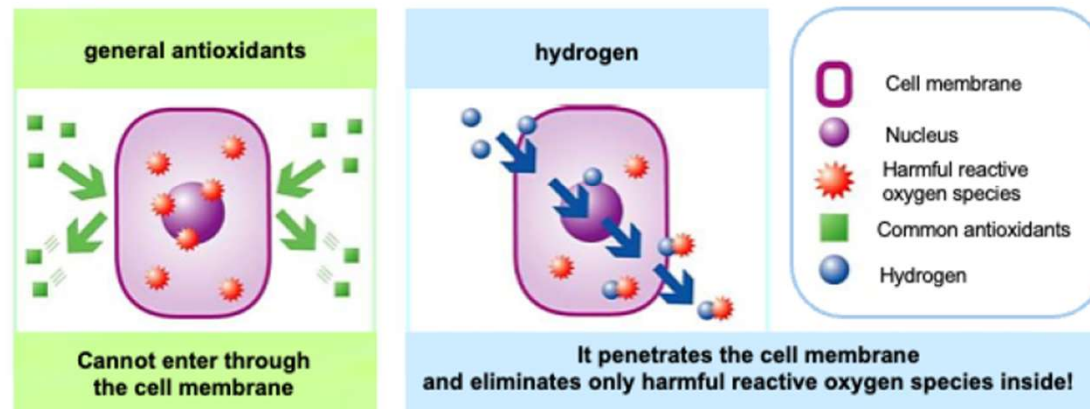


Hydrogen does not affect **beneficial reactive oxygen species** that are essential for vital biological functions. Instead, it binds **only to harmful reactive oxygen species** that cause disease and promote aging, turns them into water, and expels them from the body.

In addition, hydrogen can move freely inside cells.

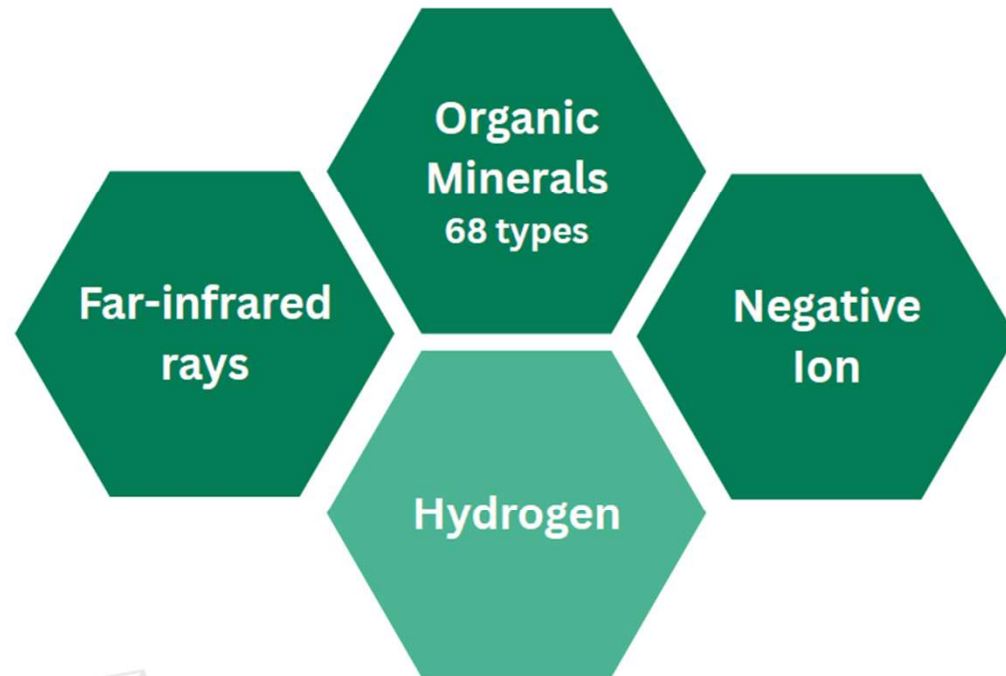
Many antioxidants cannot enter cells because they are blocked by the cell membrane. Hydrogen, however, can pass through the cell membrane, enter the cells, and remove only the harmful active enzymes that cause damage from within.

Gentle on the body and extremely effective antioxidant

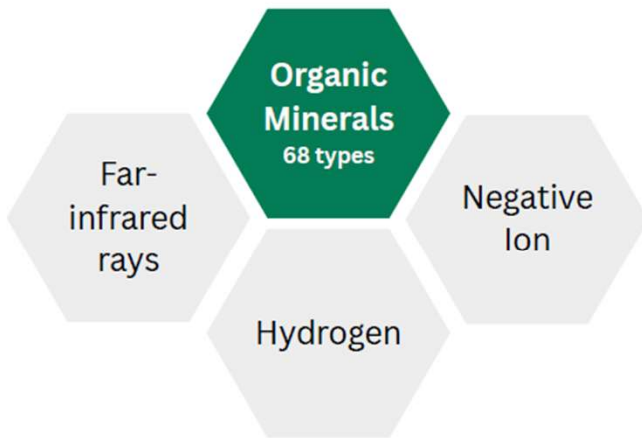


Total Health Water

Not Just Hydrogen Water



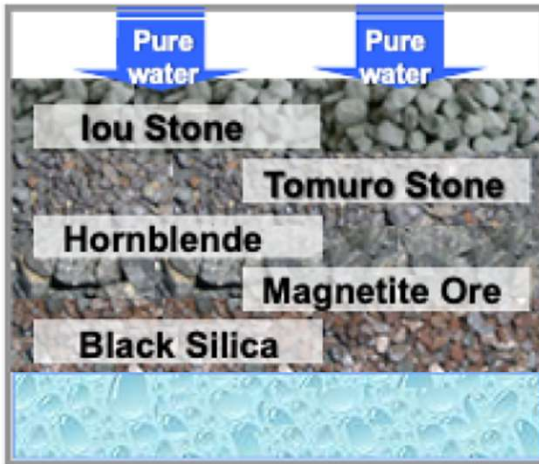
Organic minerals, far-infrared rays, negative ions, and hydrogen have been confirmed to help protect the body and support health by not only removing reactive oxygen species but also **boosting immunity**, and **further enhancing overall vitality and activity.**



Organic Minerals

In addition to the 16 essential minerals indispensable for human health, organic minerals are known to play an extremely important role in balancing the human body. Total Health Water successfully contains **68 kinds of organic minerals** in a natural form by using five types of natural mineral stones.

Among these, silica (silicon) has been reported to offer remarkable health benefits, and Total Health Water is rich in silica.



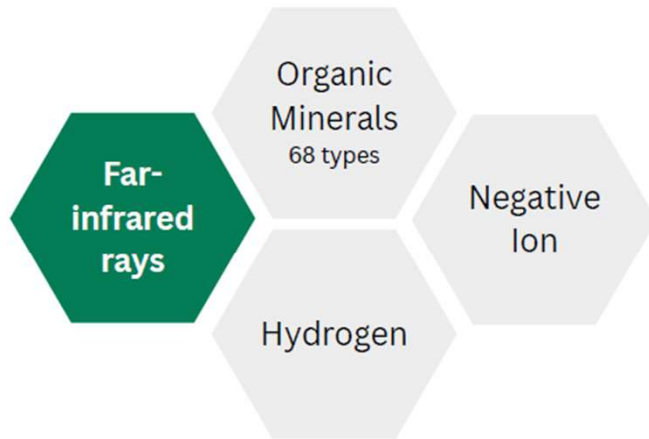
Total Health Water Server — Super-Ores Filter

Silica (Silicon)

Silica is one of the important minerals for humans. Silica not only serves as a material for tissues and organs but also appears to remove old or harmful substances and promote cell regeneration.

In particular, blood vessels extend throughout the body, delivering nutrients and oxygen to every cell. With aging, or by adhesion of neutral fats and LDL cholesterol to vessel walls, plaques can form on the inner walls, causing blockage (thrombosis) that prevents nutrients and oxygen from reaching cells.

If this occurs in arteries, it is arteriosclerosis and can lead to stroke or myocardial infarction. However, supplementing silica has been reported to **make plaques on the inner walls easier to detach and to smooth the repair of damaged blood vessels.**



Iou Stone

Far-Infrared Rays

Far-Infrared Rays - Iou Stone

The natural minerals that produce Total Health Water include stones such as **īō-seki (Iou Stone)** that emit far-infrared rays.

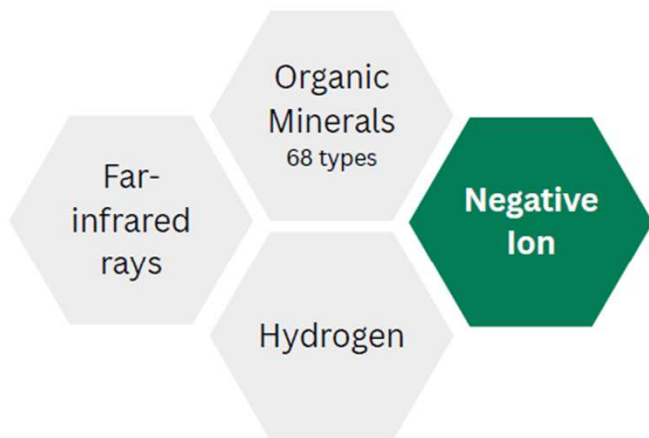
When far-infrared rays hit water molecules, water clusters become ordered, making them easier for the human body to absorb and easier to flush out impurities. It also contributes to a **mellow taste** that people find delicious.

Furthermore, it is reported to **raise body temperature**, thereby **increasing metabolism** and **boosting immunity**.

Iou Stone is a miraculous power that is called as follows:

"Medicine King Stone"

"Healing Stone of the Medicine King"



Negative Ion

The natural minerals that produce Total Health Water include stones that generate negative ions.

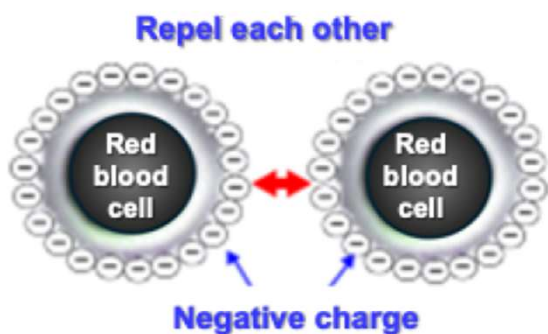
Negative Ions

Health Benefits of Negative Ions

Due to excessive nutrition causing ionic imbalance, hormonal imbalance, toxins such as chemicals, stress, and excess ROS, the blood can become over-positively charged (electron-deficient), disturbing balance. This causes aggregation of blood cells, and the blood becomes gel-like (unhealthy, sludgy blood).

Supplementing negative ions in the body supplies negative charge (electrons) to the blood. This arranges electrons around blood cells, so **the cells repel each other, which is expected to prevent blood aggregation.**

When blood components remain electrically repulsive and do not aggregate, the blood can reach fine capillaries, supplying oxygen and nutrients to cells and carrying away waste and metabolites to be purified in the kidneys and skin—thus **restoring proper human metabolism.**

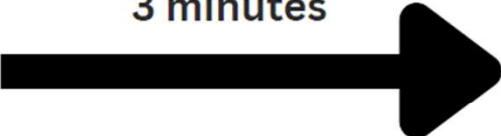


Ref. Experimental at AREGA Factory

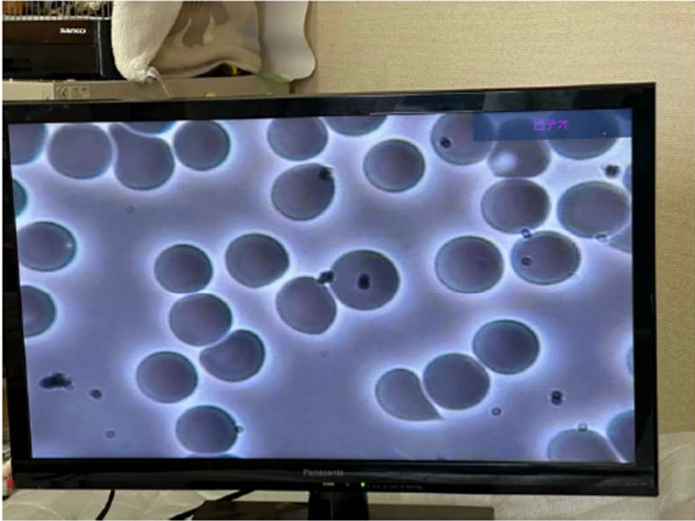
Microscope Image Before



3 minutes

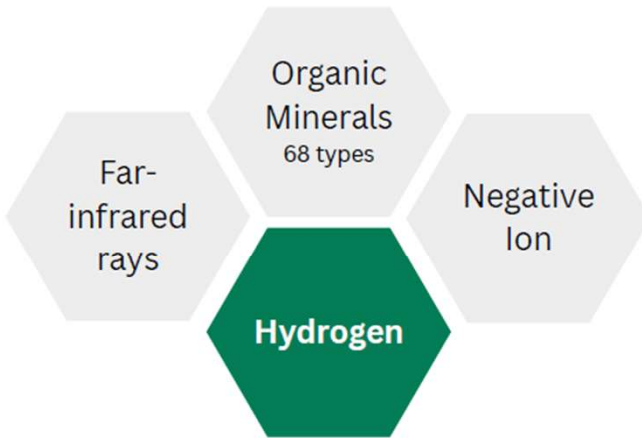


Microscope Image AFTER



Drink $\lt; \frac{1}{2}$ glass of AREGA Water





Hydrogen

Electrolyzer & Mixing Unit (AREGA Method)

Proprietary technology that safely generates high-concentration hydrogen water. When generating hydrogen, water is drawn off separately from the conditioning (drinking) route and hydrogen is produced in the electrolyzer (special electrolytic cell / hydrogen generator). This achieves **safe hydrogen production without charging (ionizing) the water**. We also use a uniquely developed iridium alloy for the electrodes and separate the electrolytic cell across both poles, enabling durable, efficient, and stable hydrogen generation.

The generated hydrogen is **high-pressure compressed** and converted into **nano-bubbles** inside the mixing unit and dissolved into the conditioned water with our proprietary technology, resulting in hydrogen water with **high concentration and long dissolved retention time**.

AREGA's commitment to **safe, high-concentration hydrogen water** culminates here.

Electrolyzer hydrogen generation



Hi-Concentration (approx.)

Performance Evaluation of Hydrogen Water (Measurement of Dissolved Hydrogen Concentration)

In-house Measurement Results

Elapsed time	Hydrogen water elapsed time								Remarks	
	0 min.	30 min.	3 hrs.	4 hrs.	6 hrs.	7 hrs.	27 hrs.	75 hrs.		
Container										
Glass cup	1.30	1.10	0.93	0.83	0.67	0.60				Leave without the lid on
Aluminum bottle (500ml)							2.20	1.64		Store at room temperature with the lid closed
Plastic bottle (500ml)								0.62		

Ref. Other Hydrogen Producing Methods



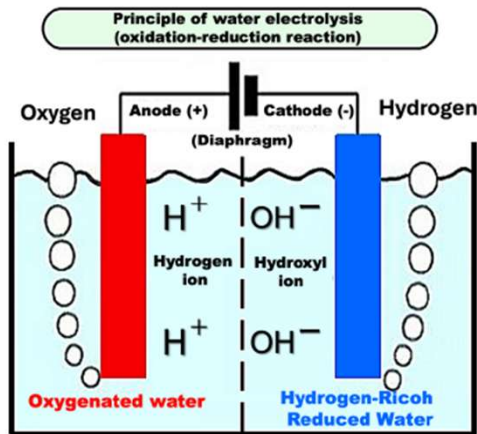
There are two main methods for producing hydrogen water:

1. **Gas injection method** – Hydrogen gas is dissolved into water to create hydrogen water.
2. **Electrolysis method** – Electrodes are placed directly in the water, and hydrogen is generated on the spot through electrolysis.

The “gas injection method” generates hydrogen gas separately from the water purification (filtration) route and dissolves the hydrogen into the purified water. This makes the structure **more complex and costly, but it has the advantage of not electrolyzing (ionizing) the water.**

In recent years, due to various factors, trace impurities – such as radioactive substances, PM2.5, and heavy metals – that cannot be removed by standard water supply systems or conventional water purifiers (e.g., hollow fiber membrane types) have begun to mix in, becoming a growing social concern.

It has been reported (for example, from China) that when water containing such impurities is electrolyzed (ionized), fine substances such as heavy metals may bind together – because positive ions act like an adhesive – **forming larger molecules that could potentially damage the kidneys.** In addition, while electrolyzed water (ionized water) can be effective for certain specific medical conditions, it is **not necessarily safe for everyone.** There are usage precautions and restrictions for healthy individuals, those taking medications, pregnant or breastfeeding women, and infants.



Ref. Product Comparison

Item	AREGA H-DX1	Doctor's Man H ₂ So-nano
Method of injecting hydrogen	Pressurized dissolution method – Hydrogen gas is mixed into water and pressurized, turning the bubbles into micro/nano-bubbles so the hydrogen remains dissolved for a long time.	Flash mixing method (through a UF filter). Water and hydrogen gas are fed to the filter; gas is micronized as it passes the filter pores and mixed with water. It is a gas-liquid mix rather than true dissolution.
State of hydrogen in the water	Dissolved at the nano level.	Mixed at a fine (near-nano) level, but not dissolved.
Hydrogen concentration	1.6–1.8 ppm.	2.4 ppm (up to 3.6 ppm) <i>[note in source mentions “at 65 °C ≈0.2 ppm”]</i> .
Retention of hydrogen concentration	Slow decline in concentration (longer retention).	Fast decline in concentration.
Removal of impurities	© RO filter (strongest level).	△ UF filter (two levels below RO).
Mineral retention / types	Retains 95%+ of minerals.	None (does not retain minerals).
Health-related components	Organic minerals + negative ions	Only the health effects of hydrogen water
Health effects (summary)	Because minerals are retained together with hydrogen, expected effects cover a wider range and taste is superior.	Since only hydrogen is present (no minerals retained), benefits are limited to those of hydrogen water itself. <i>[Wording condensed from the source]</i>

Product Overview

Water Outputs
Dissolved H₂ Concentration
Filtration Stages
Mineral Infusion
Power
Dimensions (W×D×H)
Weight

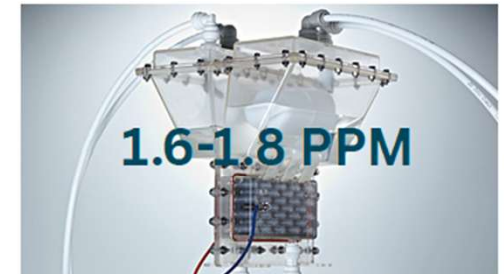
H-DX1



The flagship model that is planned to launch first in North America

Advanced and Proprietary Technologies

- Electrolyzer hydrogen generation
- Negative ion generation
- Special mineral content
- RO filtration
- Full auto-cleaning system



Hi-Concentration (approx.)






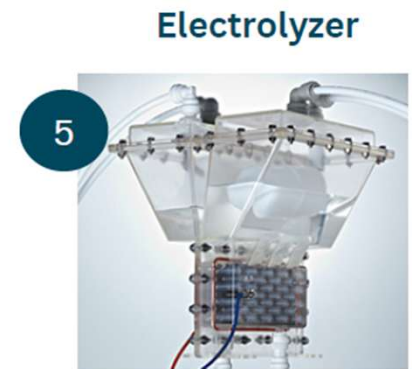
Adding mineral* - Super Ores Filter



Full auto-claning system

Filteration + Electrolyzer

Sediment Filter	Pre-carbon Filter	RO Membrane Filter	Super Ore Filter
 <p>1 セディメント フィルター</p>	 <p>2 プリカーボン フィルター</p>	 <p>3 RO メンブレン フィルター</p>	 <p>4 スーパー オール フィルター</p>
<p>The pre-treatment precipitation filter removes rust, sand, dust, and even fine impurities from the initial stage. Enhance the impurity removal effect.</p>	<p>Carbon filters that use the adsorption method of activated carbon It removes odors and makes the water close to its natural state.</p>	<p>The 0.0001 micron micropores remove more than 95% of impurities such as heavy metals, various bacteria and organic compounds.</p>	<p>Using natural ores, a filter that artificially reproduces bedrock layers in various parts of Japan produces delicious water containing about 70 kinds of mineral components.</p>



Hydrogen is generated in a combination with a special electrolyzer, and the hydrogen is supplied to the mixing filter.

6 Mixing Filter
(Included in Electrolyzer)

By dissolving the hydrogen generated by the electrolyzer into water using a newly developed gas dissolution technology, a high-concentration hydrogen water with a dissolved hydrogen content close to the saturated concentration is continuously generated.

Product Specification



Country of manufacture	Japan
Hydrogen-water production	Approx. 3,000 cc per minute (gas)
pH	~7.3–7.9 (varies by feed water)
Total Dissolved Solids (TDS)	5–8 ppm (dissolved inorganic solids; includes mineral content)
Hydrogen generation cycle	15 minutes on / 45 minutes off
Operating time	Full-auto water-supply control: supplies water for 15 minutes after start of the 45-minute rest cycle
Dissolved hydrogen	1.6–1.8 ppm
ORP (oxidation–reduction potential)	–300 mV to –450 mV
Impurities	< 10 ppm
Rated voltage	AC100 V, 50/60 Hz
Max. power consumption	700 W (±10%); Cooling unit 120 W; Heating unit 500 W
Tank capacities	Cold: ~2.0 L; Hot: ~2.0 L; Reserve: ~5.0 L
Dedicated feed pump	Yes
Dedicated drain pump	Yes
Feed / drain connection	Direct connection to water supply / direct connection to drain
Automatic cleaning system	Complete drain of cold-water tank; automatic backwash of the electrolyzer
External dimensions	W 380 × D 420 × H 1,290 mm
Weight	Approx. 41 kg



AREGA TOTAL HEALTH WATER

Safe

RO reverse
osmosis
membrane

Delicious

natural minerals

Health
Promoting

high-concentration
hydrogen
+ natural minerals
+ minus ion
+ far-infrared rays



Thank You

Premium Water that supports your
quality lifestyle



AREGA