



KYK HYDROGEN WATER GENERATOR

KYK 김양귀 환원수 HIZEN3⁺
Made in Korea

HYDROGEN

IS THE KEY TO HEALTHY WATER

HYDROGEN WATER GENERATOR (HIZEN3⁺)

Hydrogen-rich water
Super anti-oxidant water
Alkaline water with pH 8.0- pH 9.5
High negative ORP water -500
(neutralize free radicals)
Mineralized with trace minerals
Energizing and Healing water
Clean, safe and tasty water
Top Korean drinking water
manufacturer with 37 years
of research on water science

What is Hydrogen ?



Hydrogen is a chemical element with chemical symbol H and atomic number 1. It is the lightest element on the periodic table.

Hydrogen gas (H₂) is the **smallest molecule in the universe**. This gives it a higher cellular bioavailability above any other supplement, drug or nutraceutical. Hydrogen can rapidly diffuse deep into all the cells and mitochondria, as well as easily pass through the blood brain barrier.

Why is hydrogen molecule so special ?

- It instantaneously converts toxic hydroxyl radicals to water.
- It maintains the homeostatic levels of our body's antioxidants.
- It has a beneficial effect on cell signaling, cell metabolism, and gene expression, which gives it anti-inflammatory, anti-obesity, and anti-aging effects.

More than 400 scientific publications, including 30+ human studies, have shown Molecular Hydrogen to be therapeutic in essentially every organ of the human body and in over 140 different human disease models.
(Tyler Le Baron: Founder of The Molecular Hydrogen Institute.)



Hydrogen Water For Health, Beauty and Vitality

* Extraordinary antioxidant

Lightest and smallest element in the universe. This make hydrogen a very extraordinary anti-oxidant. It is also pure, colorless, odorless, tasteless, and non-poisonous.



Hydrogen
2

Vitamin C
176

Catechin
290

Glutathione
309

Vitamin E
431

Coenzyme Q10
863

Comparison of molecular weight of various anti-oxidants

Can readily diffuse through cellular membranes, and effectively neutralise harmful free radicals present deep in our tissues. Other anti-oxidants are too big and not able to reach these areas.

Ability to eliminate selectively only toxic free radicals such as hydroxyl and lipid radicals. Such selective neutralization allows to balance the amount of free radicals and boost protection functions in the body.

Leaves no residue, end product is water.

Fat and water soluble, keep our body fit.
It suppresses oxidative damage & has anti-inflammatory reactions.

Can helps prevent chronic diseases.

1.5 litres of hydrogen water has the same anti-oxidant effect as consuming :

756 bananas or
516 apples or
38 carrots or
45 spinach or
3.5 pumpkins.



Comparison of value made by measuring beta carotene content in these fruits. Studies by Prof Hatana Gyazuki, Japan's Shitama University.

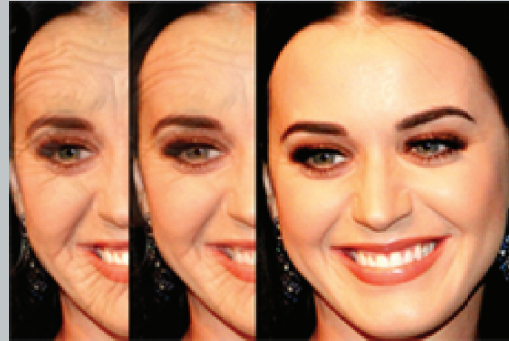
JUST 5 GLASSES OF HYDROGEN WATER A DAY FOR FITNESS AND BEAUTY

For beauty

Neutralise free radicals to prevent premature aging of skin.

Greatly reduce wrinkles because of its anti-oxidative effects.

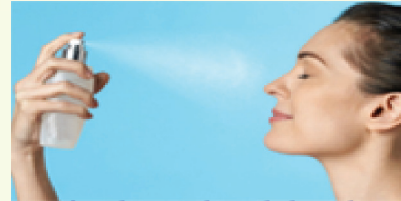
Prevent dehydration of skin, prevent flaky skin, reduce eye bag and keep it firm and healthy



Anti Aging

Improve absorption of supplements and nutrients from food to maintain better skin texture and skin tone.

It helps hydrate hair follicles, for a healthier hair.



Refresh tired and dried eyes
Reduce eye bags



Refresh and hydrate your face

Fit and in shape

Fat and water soluble, keep our body fit and youthful. It suppresses oxidative damage & has anti-inflammatory reactions.

Effective inner body detoxification
– rejuvenation starts from the inside and reflects in your outer appearance.

Soothes and calms sensitive skin.
Suitable for all degrees of sensitivity.

Helps reduce oil build up in pores.

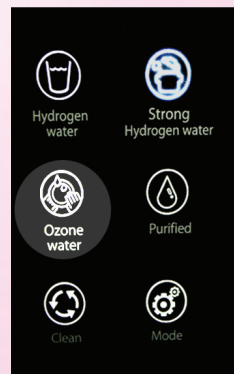
Improved/regulated digestion and circulation
– to keep your tummy happy and healthy.

Maintained alertness for the mind
– to have better focus and perception.



HIZEN3+ OZONE WATER

Great sanitising and cleansing effects



Hygienic Cleansing : Facial Wash & Daily Skin Care Regime.

Effective in toning and firming your skin. Makes your skin feel refreshed and supple.



Remove pathogens and chemical contaminants and maintain freshness of meat and vegetables



Healthy hair

Helps hydrate hair follicles
Protect hair cells from oxidative damage
Keeps hair healthy

Mouth hygiene

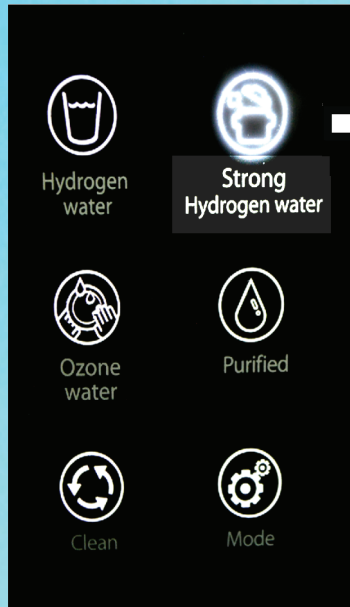
Eliminate bad breath and cure gum problems.



Wound Cleansing

Effective in treating burns, acne, and other skin disorders.

IMPROVE FOOD QUALITY AND TASTE



Soak brown rice in
Strong Hydrogen water
for 2 hours

Brown rice is more nutritious, with more fiber, nutrients and cholesterol lowering fats but has a deep, nutty flavor and not very palatable, especially to children.



- Retain the nutrients from the bran, germ and endosperm.
- Make cooked rice fluffier, softer and taste great.
- Stimulate production of beneficial enzymes
- Increase vitamin content



Soup: Extract the essence from the ingredients to make a fantastic broth, great in taste and rich in nutrients.

Coffee and Tea : Preserves the anti-oxidant potential of tea, making it tastes better, smoother, more aromatic, and less bitter.



Meat and fish : Deodorise and tenderise the meat and reduces the meat odor. Removes the fishy smell of fish. Retain its freshness .



Cooking Vegetables : Enhance flavor and eliminate bitterness as well as bringing out the natural color. Retain vitamin and mineral content that is normally lost in the cooking process. Maintain its freshness and retain its natural taste.

DRINKING GOOD QUALITY WATER IS CRUCIAL FOR GOOD HEALTH

Lightest and smallest element, readily diffuse through cellular membranes. Neutralise free radicals in difficult to reach areas where other anti-oxidants cannot penetrate. Has anti-aging properties. Detoxify and hydrate your body.

Alkaline water neutralize acid in the bloodstream, which leads to increased oxygen levels and improved energy and metabolism. Bacteria and viruses of chronic diseases cannot flourish in alkaline environments.

HIZEN3⁺ Hydrogen Water The Ultimate Drinking Water For The Whole Family

Dissolved hydrogen
1500 ppb

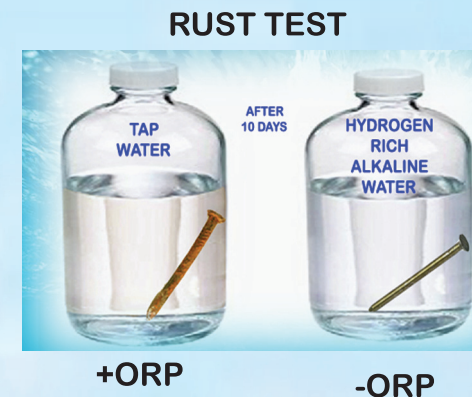
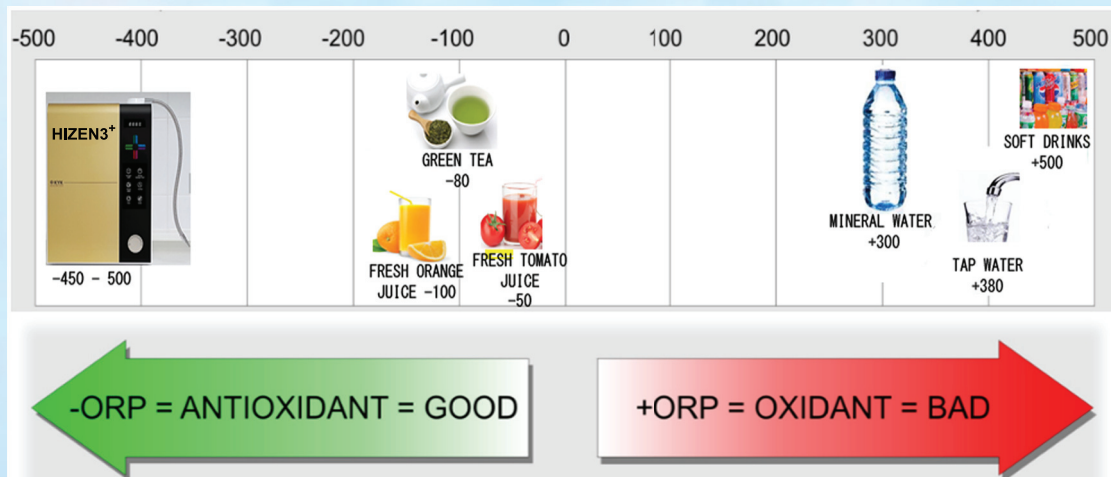
pH
7.5 - 9.5

ORP
-500

Pure
ionised
water

Strong Oxidation-Reduction-Potential, counteracts oxidative damage to our cells by scavenging for free oxygen radicals and neutralizing them and prevent them from causing harm to your body.
Enhance our immune system.

Water is said to taste better and smoother than regular tap--or even filtered--water. It hydrate food better than water that is not ionized, and this hydration enhance the flavor of all foods that are cooked with it. Best for brewing tea and other beverages





Hydrogen for Health: the Next Fountain of Youth?

Japan is going crazy over hydrogen, and it's not just for fueling futuristic cars. A growing number of people think it may be the next fountain of youth.

"(Hydrogen) is really catching fire in Japan. People are drinking it, breathing it, and taking it any way they can in hopes for the elusive 'waka gaeri' ('return to youth') effect."



1st Generation Water

Base of reaserches and studies by the Molecular Hydrogen Foundation (MHF), over 500 peer-reviewed articles demonstrate hydrogen to have therapeutic potential in essentially every organ of the human body and in 150 different human disease models.

H₂ reduces oxidative stress as a selective antioxidant and by maintaining homeostatic levels of glutathione, superoxide dismutase, catalase, etc.

H₂, like other gaseous signaling molecules (i.e. NO, CO, H₂S), appears to have cell signal-modulating activity affording it with anti-inflammatory, anti-obesity, and anti-allergy benefits.

Japanese people live long not because they have better genes – it's all about lifestyle, and it's all about choice. A choice of what they eat and drink. HIZEN3⁺ is built on the foundation of Lifestyle, Fitness, and Health. HIZEN3⁺ hydrogen water is infused with an optimal level of molecular hydrogen which acts as a powerful antioxidant with the potential for therapeutic benefits and enhanced cellular protection.

HIZEN3⁺ Hydrogen water Generator is a product of KYK Co Ltd, Korea. With 37 years of experience in water science research, and using the most advanced and innovative technology, the company's premium HIZEN3⁺ is capable of producing hydrogen rich water of up to 1,500 ppb.



Molecular Hydrogen Foundation (MHF) is a non-profit scientific organization with a highly esteemed Advisory Panel consisting of professors, researchers, and other prominent academics. MHF is the foremost authority on the science of molecular hydrogen. <http://www.molecularhydrogenfoundation.org/>

4th Generation Water



2nd Generation Water



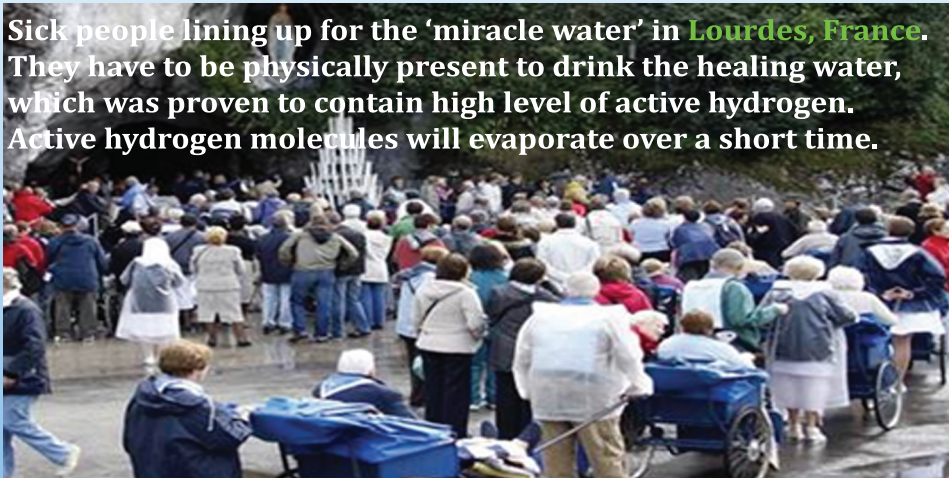
3rd Generation Water Alkaline Water Filter



4th Generation Water Hydrogen Water Generator

HYDROGEN AND ITS HEALING POWER

Sick people lining up for the 'miracle water' in **Lourdes, France**. They have to be physically present to drink the healing water, which was proven to contain high level of active hydrogen. Active hydrogen molecules will evaporate over a short time.



Nordenau
(Germany)



Lourdes
(France)



Tlacote
(Mexico)



Nadana
(India)

WHAT IS IN THIS 'MIRACLE WATER' THAT HEALED SO MANY SICK PEOPLE ?



Dr. Sanetaka Shirahata, Graduate School of Genetic Resources Technology, Kyushu University, says that all these so-called miracle or healing water all contain Active Hydrogen (atomic hydrogen) and Hydrogen (molecular hydrogen) in the water. Active hydrogen ranges between 20 - 80 ppb which are 200 to 300 times higher compare to normal tap water.

Dr. Hidemitsu Hayashi,
M.D. Director of the Water Institute of Japan.

"The Creator of the universe, and the Creator of all living things, created hydrogen as the first element in order to protect all its living creatures from disease."

What make hydrogen molecules so special:

Hydrogen – Becomes an antioxidant, reducing damages in the body, thus also ultimately reducing immune system workload.

Hydrogen – Literally fuels the ATP engine that powers every cell in the body. More fuel means more work can be done, less food needs to be eaten, and less food further reduces the oxidative load the body has to deal with.

Smaller Water Cluster Size – Free hydrogen changes the electrical charge in the water which causes water molecules to form smaller groups and allows for easier hydration and transport of vitamins and minerals.

**NOW WITH THE ADVANCEMENT OF TECHNOLOGY, WE CAN HAVE THIS HYDORGEN RICH WATER
IN THE COMFORT OF OUR HOME**

HIZEN3⁺

**Hydrogen Water Generator
molecular hydrogen 1500 ppb**



KYK 김영귀 환원수

Experiencing a barley hump during my childhood, I promised to myself to be an adult who can help people suffering from hunger. After I grew up, hunger was not the problem. Instead, chronic and incurable diseases threatening lives such as diabetes, high blood pressure, and cancer, were the main issues. Then, I entered the fields of Naturopathic Medicine, studying 'Orthomolecular Medicine' written by Linus Pauling who won two Noble Prizes. In the process, I realized the importance of water and pursued the fields of water science for 36 years. There were ceaseless efforts and passion to come to the top of my profession.



CEO of KYK Science Technology Research LAB

김영귀

Dr. Kim Young Kwi, 37 years of research in water science, devoted to humanity and longevity



Recognitions by renown publications.



Advancement and Innovation.



Awarded Invention Steel Tower Industry Honour from the President on the 46th Invention Day



10 Gold Medals from Invention Fairs, internationally acclaiming KYK's high technology

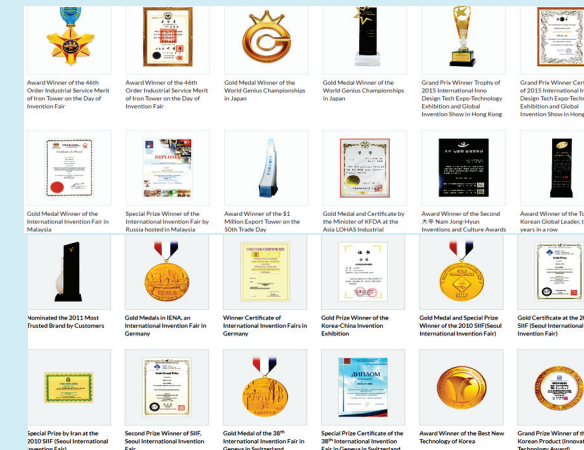


Awarded the prestigious Korean Global Leader Award, 3 years in a row (2014, 2015 and 2016).

Certifications and Compliant for Quality Control and Standards



National and International Awards and Recognitions



SPECIFICATION, COMPLIANCE AND ADVANCED FEATURES



SPECIFICATION

Dimensions:
314(W)X425(H)X124(D)mm
Purifying filter voltage / frequency :
AC220V, 60Hz 150VA
Weight : 5kg
Power consumption : 150VA

Dissolved hydrogen
concentration



SMPS Power Control System




KYK Electrolytic Cell
System

Utilising 3 advanced filters system
to achieve the highest quality of
drinking water.

Kuraray activated carbon, world
famous and finest activated carbon.

Most advance activated carbon to
remove musty smell, trihalomethanes
and other harmful chemical substanc-
es.

Resistant to deterioration for long
lasting usage.

Equipped with advanced SMPS system that
reduces heat, noise and weight. It prevent
overheating and keep the electrical system
cool and thus extending its life span up to
30 years or more.

Automatic cleansing to ensure clean and quality
water all the time. Protect the electrolytic cells from
wear and tear. Measure filter usage and life span.

ADVANCED FEATURES

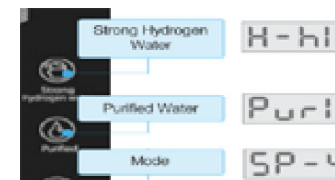
- Advanced aluminum hairline front panel
- High performance ceramic valve system
- Advanced special membrane electrolyzer system
- No ozone odor
- Rich Minerals
- Advance 3 filters system for clean and pleasant taste
- Auto voice messages
- Built-in filter chip for measuring capacity and life span
- Dissolved hydrogen > 1550 ppb
- Tender hydrogen water
- Strong hydrogen water
- Purified water
- Ozone water for sterilization
- Automated Cleaning for long life span
- Flow rate control for optimum hydrogen generation
- LCD panel
- Setting Mode



Compliance with JAKIM
Halal requirement



Awarded Good
Design Certificate



High hydrogen mode for cooking.
Can continue to use Purified water
(without H2) once filter life span
expired.



KYK Water Filter System
World's Most Awarded Brand

EXPORTED TO 40 COUNTRIES WORLDWIDE
 9 gold medals at international trade fairs
 130 patents.

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 HEALTH • BEAUTY • VITALITY

