



Hydrogen Water | Hydrogen Gas | Ozone Water

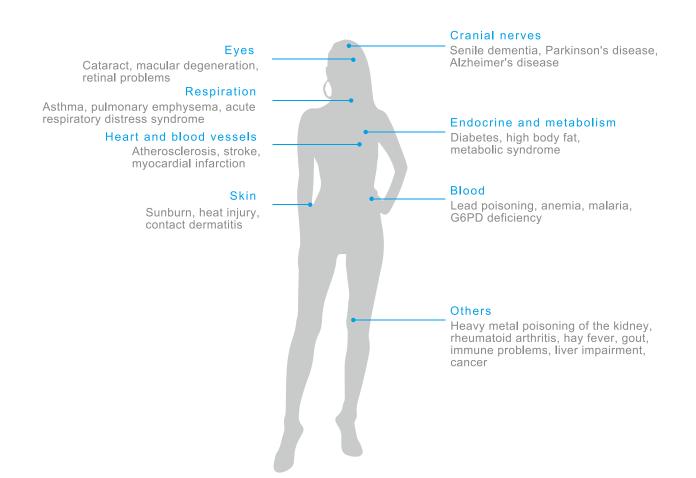
3-in-One Professional Series



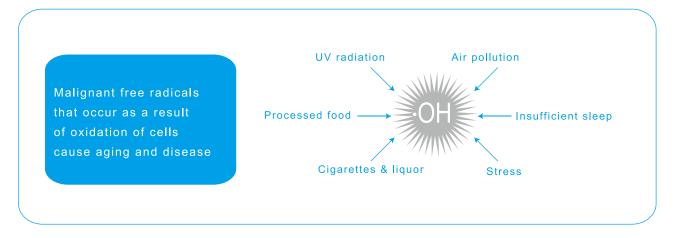
Molecular Hydrogen Based Medicine is the biggest breakthrough of the 21st Century and its benefits have been widely discussed.

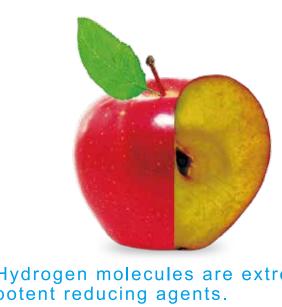


Currently up to 800 medical studies have been released indicating that Hydrogen can improve the quality of life and aid in conjunction with other medical therapies to improve the outcome of standard medical treatments.



#### Causes of Premature aging and cell oxidation





#### Hydrogen molecules are extremely potent reducing agents.

They carry unique properties as they are the smallest molecules and can quickly penetrate the human body to reach vital organs and cells, where they neutralize malignant free radicals to form water that is discharged by our bodies. Hydrogen is safe and does not burden the body.



- 1.Internally generated malignant free radicals
- 2. Hydrogen molecules enter to neutralize
- 3. Harmless water

It is certified by the US FDA that hydrogen is safe and free of side effects (GRAS certification).

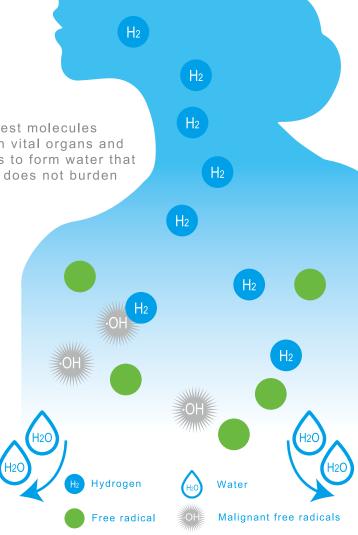
#### Comparison of molecular sizes of antioxidants.



and lipid







# Hydrogen Fountain's Hydrogen Water – Revolutionary Scientific Breakthrough – US DuPont Technology.

#### High Concentration, High Saturation and High Stability.

Reduces oxidative stress while replenishing water in our bodies. Convenient and safe way to stay

1, 299ppb

示しす

healthy and beautiful. Tests performed by Switzerland's SGS, Hydrogen Fountain was capable of converting 450mv tap water instantly to -550mv Hydrogen Water with ultra-high reducing power without changing the pH value of the water.

The Hydrogen concentration in the Hydrogen Water produced by the Hydrogen Fountain has been certified by Japan Hydrogen Water Promotion Association to contain up to 1,299ppb.



Certified by the Japan Hydrogen
Water Promotion Association

200ml of Hydrogen Water is equivalent to 100 fresh lemons in terms of its reduction potential.

Hydrogen Fountain's Pure Hydrogen Gas.

Industry leader, purity of Hydrogen molecules > 99.995%.

Safely and efficiently removes malignant free radicals.

[Proven in academic research conducted in Japan that the use of pure hydrogen gas for 60 minutes per session helps to neutralize malignant free radicals].

Pure Hydrogen Gas generated by the Hydrogen Fountain is equivalent to drinking 3 liters of Hydrogen Water".



1L



1L





Pure hydrogen gas is discharged at 40 ml/min ±10%

1L

#### Hydrogen Fountain's Ozonated Water-Food safety and health issues keep arising.



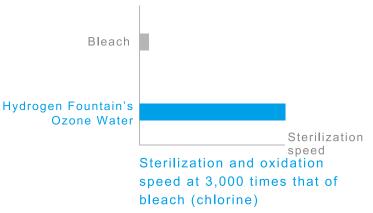


#### Medical grade antibacterial performance takes care of all health and contamination issues; used in major healthcare facilities throughout Japan



#### Hydrogen Fountain's Ozone Water - Worry Free Personal Hygiene.

High concentration of 6.0 ppm Ozone Water is generated instantly.



Bleach (Chlorine) also known as Sodium Hypochlorite is used in ordinary households for the purpose of sterilization and disinfection. It is actually a poisonous bactericide. In many countries, water treatment plants use chlorine exclusively to disinfect and sterilize our tap waters and hence there is a concern about residues and carcinogens.

The Hydrogen Fountain's Ozone Water has the oxidation speed of 3,000 times that of bleach and 50 times more powerful than chlorine based sanitizers without leaving any chemical residues. In Europe, the US and even Japan, most water treatment plants are already using Ozone for sterilization and disinfection.

#### UK Campden BRI, US FDA, ATS and Switzerland SGS test reports:

It has been certified by the UK Soil Association that no chemical residue was found on the organic vegetables after being cleaned using our Ozone water



More than 90% of pesticide degraded within 1 minute



99.99% of bacteria killed within 5 seconds







# Ozone (O<sub>3</sub>) is a natural, safe, non-chemical sterilizer:

#### Ozone is $O_3$ –

Ozone (O3) is Oxygen (O2) with an additional oxygen atom. O3 itself is an unstable gas, combined with bacteria, It will cause them to oxidize and reverts back to Oxygen, thus we have no residual problems.

The Hydrogen Fountain's Ozone Water dissolves completely, is highly concentrated with low aeration, unlike other products in the general market. It is a safe and reliable product that uses first grade technology.







**Disinfection** 

#### Infrared Sensor Controlled Ozone Water.

Touch free discharge of Ozone water to keep the unit clean at all times and to avoid cross contamination.



#### H<sub>2</sub>O<sub>+</sub>H<sub>2</sub> Hydrogen water for drinking.

Battles against the effects of oxidation and replenishes water in our bodies. Convenient and safe way to stay healthy and beautiful.

200ml of Hydrogen Water is equivalent to 100 fresh lemons in terms of its reduction potential.

#### H<sub>2</sub> Hydrogen Gas for Breathing.

Widely loved throughout Japan: This new health trend takes advantage of the latest Hydrogen Technology. Expedites the fight against malignant free radicals.

Pure Hydrogen Gas generated per minute is equivalent to 3 liters of Hydrogen Rich Water.

[Proven in academic research conducted in Japan, use of pure hydrogen gas for 60 minutes each time helps neutralize malignant free radicals]

#### H<sub>2</sub>O+O<sub>3</sub> Ozone Water for Disinfecting.

Handy sterilization and disinfection helper to safeguard the health of the whole family.

More than 6.0 ppm of Ozone Water at sterilization speeds of 3,000 times that of chlorine based disinfectant.

Safe Natural No chemical residue



## US DuPont proton exchange technology

Leading technology and brand in Japan for its highest specifications in the industry



#### First-of-its-kind automatic pipeline disinfection in the world

Guaranteed freshest and purest quality water The highest health criteria in the industry



#### It is OK to add hot water and shake it.

Highly stable generation technology: The hydrogen molecules are not susceptible to volatilization and one does not have to worry about low water temperature in cold weather.



#### Patented safest iEOG.

Switzerland's SGS tested the Ozone Water and it complies with safety specifications and there are no byproducts such as nitrogen oxides.



#### Precise intellectual detection

Microcomputer detection system maintains optimal performance and is more user-friendly.



## Instantaneous water supply without having to wait. Available 24/7.

Instantaneous generation of Hydrogen Water, Hydrogen Gas and Ozone Water. Say goodbye to annoying waits



# Strict compliance with safety specifications with 50 international patents

Multiple technical patents and safety certifications guarantee optimal performance and quality.



#### Optimally neutral pH value water

Optimal for human health and drinking without changing the pH value of water from our water supply.

#### EOS7130-HG

### Hydrogen Fountain Specifications.

Output feature	Pure Hydrogen Gas	Hydrogen Water	Ozone Water	
Output time limit	Unrestricted	5min	20sec	5min
Activation method	Air valve switch	Touch sensor 0.2sec	Sensor 1sec	Sensor 3sec
Output flow	40ml/min±10%	90L/hr(1.5L/min)	180L/hr(3.0L/min)	
Concentration specification	> 99.995%	*1,299ppb	6.0ppm	6.0~1.0ppm
ORP	-	*-550mv	-	
Output pH value	-		pH value of incoming water not changed	
Applicable water quality at the source	Tap water that meets quality criteria for drinking water (hardness of <200 ppm CaCO3, residual chlorine of <0.1 ppm, conductivity of <500 μs/cm, pH6.8~8.0)			
Applicable incoming water pressure	2~7kg/cm² (3kg/cm² is optimal.)			
Required voltage	AC 100 ~ 240V / 50 ~ 60Hz			
Consumed power	60W (In standby≦30W)			
External dimension	300(W) x 165(D) x 400(H) [mm]			
Net Weight	7.5kg (Around 9.5 kg at a full level)			

\*Depend on water supply and temperature of each territory



### Biotek Environmental Science Ltd.











