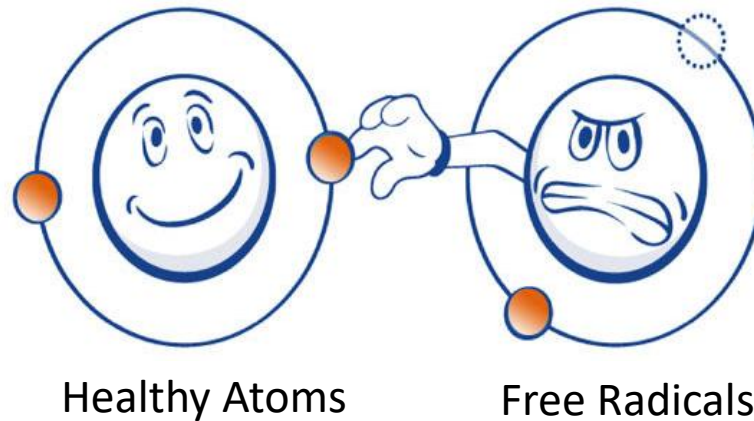




Hydro Spring™

Far Infrared Hydrogen Rich

The Formation of Free Radicals



- Matter is composed of atoms, similar to a satellite orbiting the Earth. Within the atom, electrons orbit rapidly around the nucleus in specific orbits. In certain conditions, when an atom loses an electron, it forms what we call 'free radicals.' These free radicals are chemically reactive and can be potentially harmful due to their unpaired electrons. It's important to note that the body has innate mechanisms, such as antioxidants and defense systems, to balance and eliminate excess free radicals.

- With the rapid development of human civilization, science and technology have greatly increased productivity. However, this progress has also led to the proliferation of by-products, including a rise in free radicals.

The Formation of Free Radicals

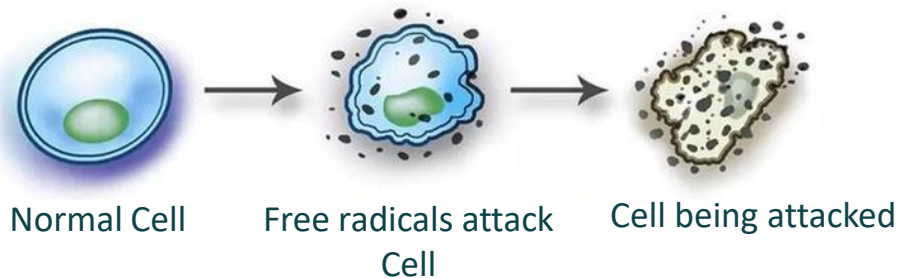
- Cooking, stress
- Environmental pollution, the use of chemical agents, the increase of automobile exhaust and industrial waste gas, nuclear leakage accidents, etc. lead to the generation of free radicals.
- Smoking, drinking, staying up late and other unhealthy lifestyles also create more harmful free radicals in the human body.
- The sudden increase of free radicals exceeds the normal balance standard of the human body, which poses severe challenges to the human health.



Troublesome harmful free radicals

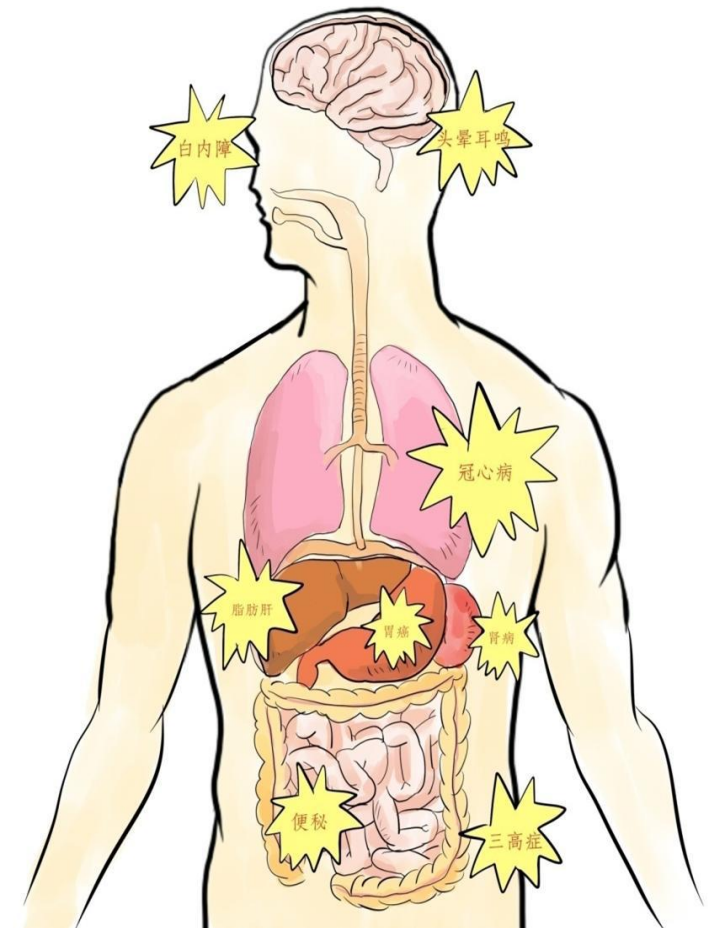
Free Radicals Damage Healthy Human Cells

Oxygen is a vital substance essential for maintaining life. Without oxygen, a person can succumb in just a few minutes. Oxygen is transported throughout the body via the bloodstream to fulfill the requirements of cellular respiration. However, a small fraction, approximately 2%, of the oxygen is transformed into reactive oxygen species (ROS). These ROS are highly active, unstable compounds with a brief existence. Due to their instability, ROS can engage in chemical reactions with the body's cellular tissues. They do not differentiate between healthy and unhealthy cells, thereby posing a potential threat to normal cells. This can lead to the impairment of tissue and cellular functions, and in severe cases, even DNA damage, which can result in harm or mutations and potentially lead to the development of cancer.



The Dangers of Toxic Free Radicals

- ❑ Weakens the resistance of cells, making the body susceptible to bacterial and germ infections;
- ❑ Produces chemicals that damage cells, forming carcinogens;
- ❑ Hinders the normal development of cells, interfere with their recovery function, and make the cell renewal rate lower than the withering rate;
- ❑ Destroys the DNA in the body, disrupt the operation and regeneration of cells
- ❑ Destroys mitochondria (energy storage bodies) in cells, causing oxidative fatigue;
- ❑ Destroys the cell membrane, interfere with the metabolism of the cell, and cause the cell membrane to lose the function of protecting the cell;
- ❑ Attacks the amino acids required by the cells & tissues, interfere with the function of the body system resulting in more free radicals production. The chain reaction can lead to free radical damage throughout the body;
- ❑ Destroys proteins and enzymes in the body, leading to inflammation and aging;
- ❑ Destroys fat, causing lipid peroxidation, leading to atherosclerosis, cardiovascular and cerebrovascular diseases;
- ❑ Destroys carbohydrates, degrade hyaluronic acid, cause arthritis, etc.



**"The culprit of diseases, the source of all illnesses"
Free radicals**

The Mechanism of Molecular Hydrogen in Disease Prevention and Treatment

- Clearing free radicals
- Enhancing the body's antioxidant capacity
- Protecting cell membranes and biological membranes
- Assisting in the activation of signaling molecules
- Safe and without side effects, and does not interfere with existing prevention and treatment methods

Examples of Hydrogen Gas's Effects on Various Human Diseases



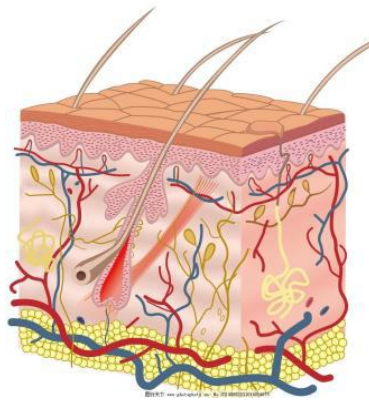
Hydrogen gas reduces myocardial damage and inflammatory response



Hydrogen gas has a protective effect on lung injury



Hydrogen gas can support inflammatory bowel disease



Hydrogen gas can support malignant skin tumors



Hydrogen-rich water supports chronic hepatitis

The Unique Benefits of Molecular Hydrogen in Improving Health

1

It has the ability of selectively removing harmful substances from the body. It only exerts a selective anti-oxidative damage effect on toxic and harmful free radicals by improving the body's ability to resist diseases.

2

It has the function of preventing or supporting the treatment of various injuries. Molecular hydrogen can slow down the development of many diseases, alleviate or reduce symptoms, improve the quality of life of patients, and have a wide range of health care effects.

3

With excellent penetrating power, the lesion has nowhere to hide. Molecular hydrogen can easily pass through various barriers and quickly reach various tissues in the body, as well as quickly pass through the cell membrane and enter the cell to play a biologically active role.

4

It can be combined and flexibly applied with other prevention and control techniques. Molecular hydrogen can be combined with drug therapy, radiation therapy, etc., to reduce the side effects caused by anticancer drugs, radiation, etc., relieve pain, and improve curative effect. It can also be used in combination with lowering blood lipid and blood sugar to prevent and treat diseases.

5

Molecular hydrogen products are very safe and easy to use. The safety of molecular hydrogen has been recognized locally & internationally. It is also being used as a food additive in many countries without any toxic and side effects. With the emergence of a variety of molecular hydrogen health care products, it is very convenient to use.

The Characteristics of Hydrogen-Rich Water

Strong Penetration

Hydrogen-rich water is small molecular water, which can be easily absorbed with strong penetrating power.

Safe & Reliable

Hydrogen-rich water is characterized by its negative charge, and its mild alkaline properties make it more compatible with the human body.

Strong Antioxidant

Capacity Hydrogen-rich water is rich in active hydrogen for a better balancing effect



The Characteristics of Hydrogen-Rich Water

Strong Penetration

- Small molecular weight: 100,000 – 150,000th of the size of average human cell.
- Electrically neutral
- Excellent penetration: It can easily penetrate through the biological membrane and quickly penetrate the whole body to exert its antioxidant capacity.

Co-Q10
Molecular
weight: 863

Vitamin E
Molecular
weight: 431

Catechin
Molecular
weight: 290

Vitamin C
Molecular
weight: 176

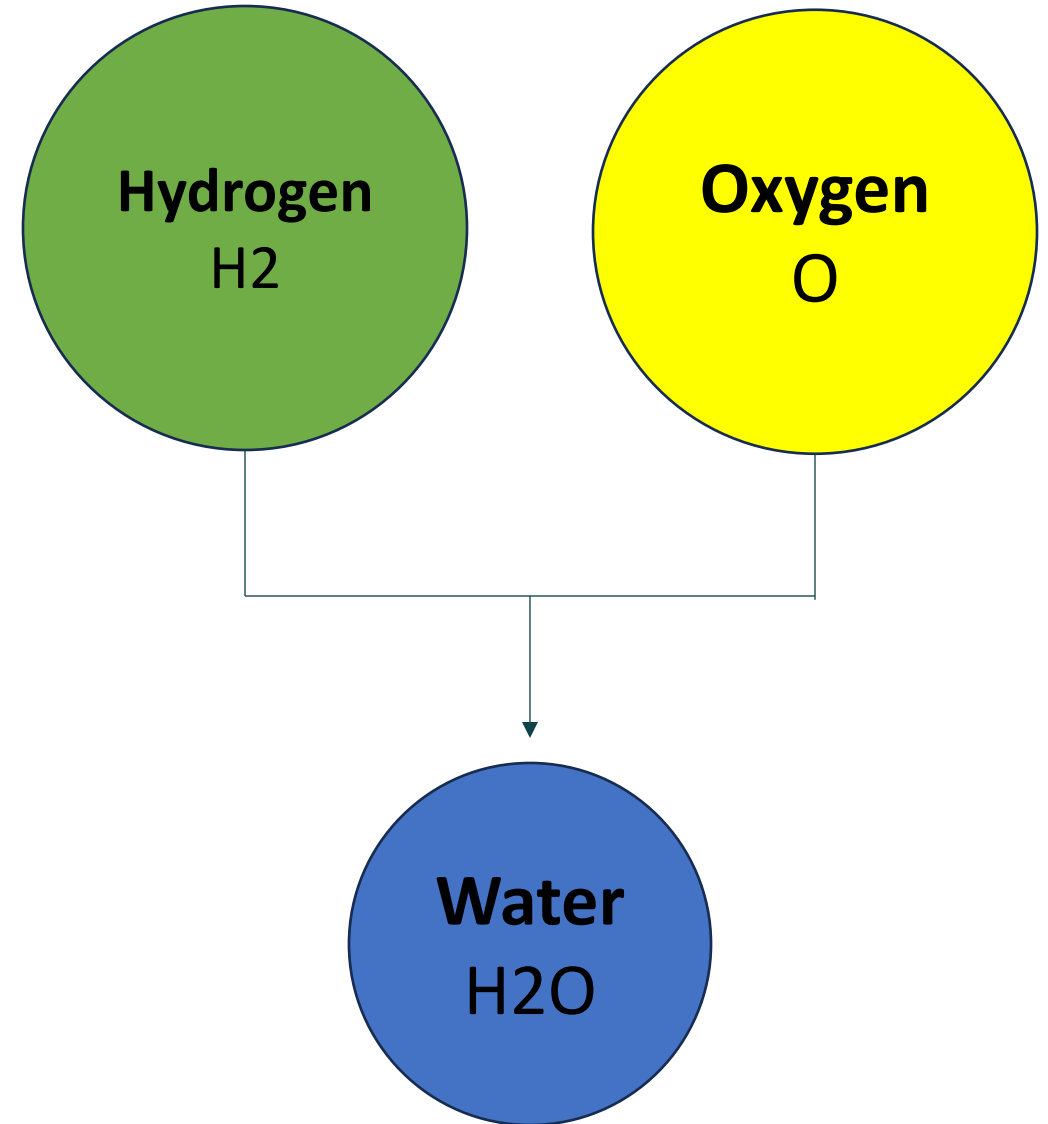


Hydrogen gas
Molecular weight: 2

The Characteristics of Hydrogen-Rich Water

Safe & Reliable

- Hydrogen uses water as a carrier. It circulates through the blood to the whole body after we drink the hydrogen-rich water.
- By-product is water. After neutralization with oxygen free radicals, the water generated is excreted safely through urine by eliminating most of the harmful toxins without affecting the recovery of other benign cells in the body.





Hydro Spring™

Far-infrared, Hydrogen Rich
Champion's Choice



Conveniently produce hydrogen at any time and in any location

Compatible with most drinking water bottles in the market
Easy to carry for travelling & business trips

Fresh Small Molecular Water

Manufacture of small molecular water, Small molecular 55.39Hz

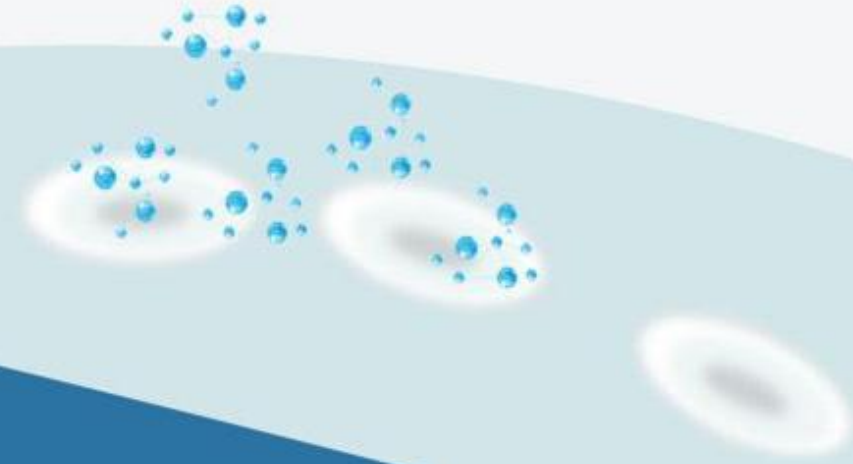
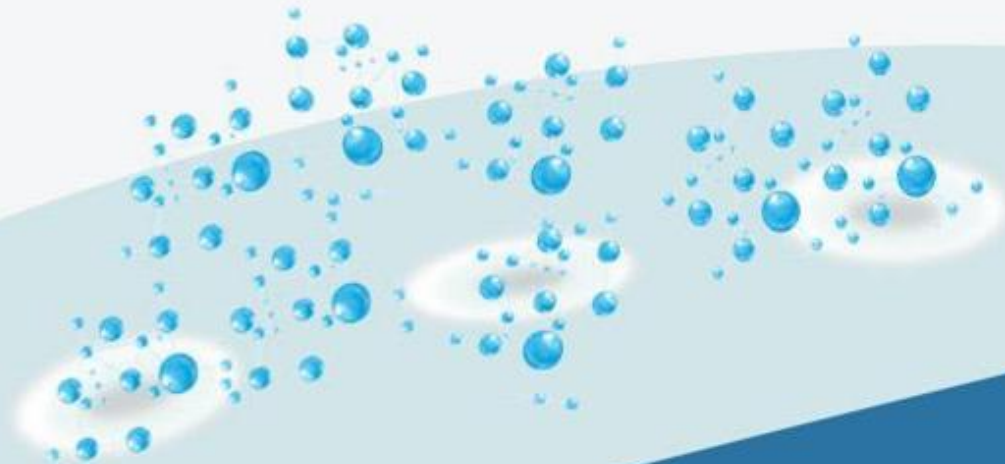
Big molecular water

Composed of more than 10 water molecules
Not nice to drink, not easy to be absorbed



Small molecular water

3-6 water molecules
Soft and sweet, high oxygen content, easy to be absorbed



Efficient Hydrogen Production

The concentration of hydrogen production can reach 1600-3000ppb

High hydrogen production

**Electrolysis once every 5 minutes.
Electrolysis for more than 10 times
when fully charged**

Fast electrolysis

**99.9% hydrogen production purity.
The 4th generation membrane
electrode hydrogen-oxygen
separation hydrogen production
technology**

**High purity of hydrogen
production**

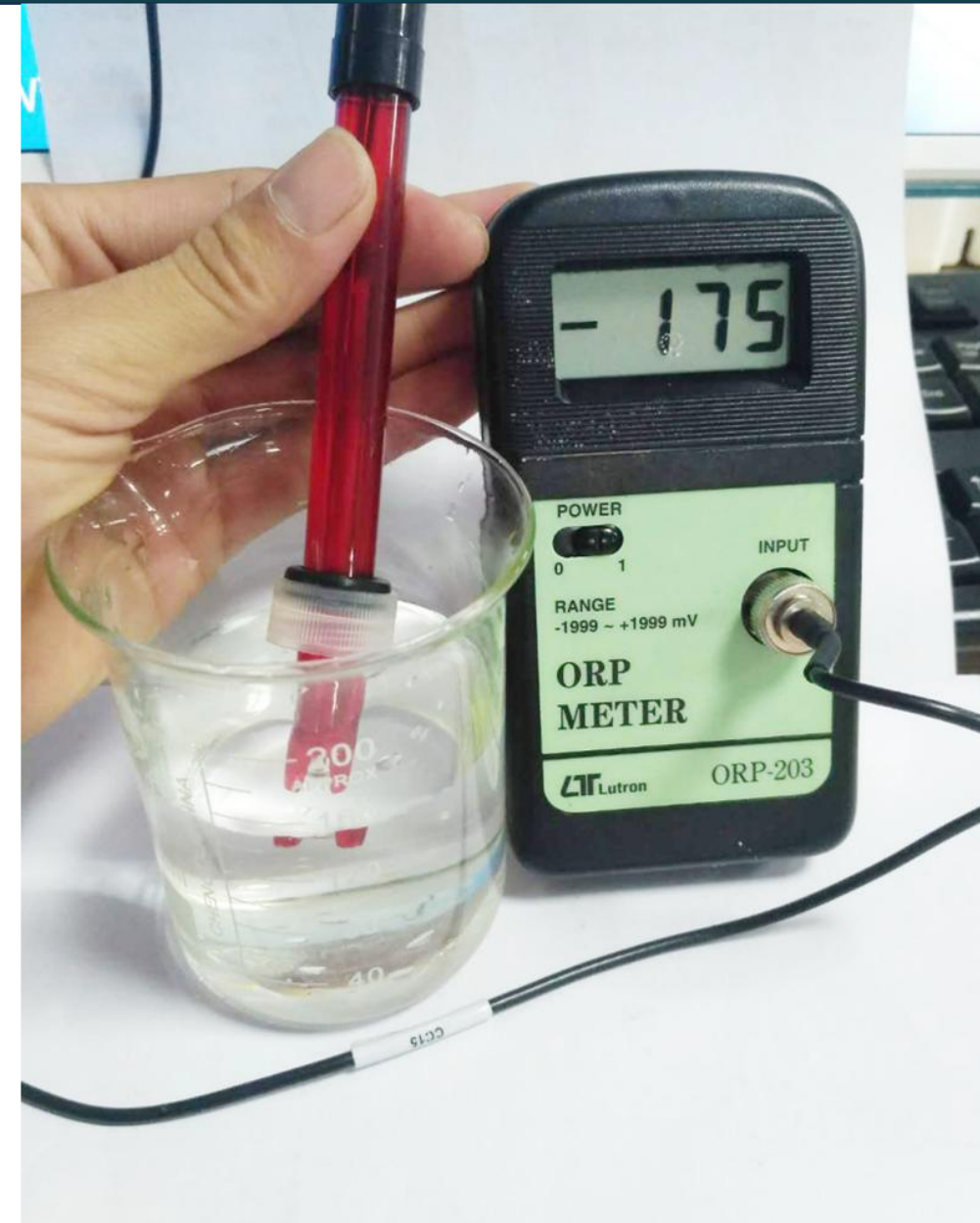


Negative Potential

Negative potential is a high-voltage unipolar output that creates a field affecting the human body, causing irregular movement and rearrangement of positive charges within the body.

- Negative potential can balance the body's pH level;
- Promote human metabolism, promote wound healing, promote SOD (superoxide dismutase) generation and delay aging.
- Promote the activity of nerve cells and regulate nerve function, relieve body fatigue and muscle pain.
- To purify the blood.

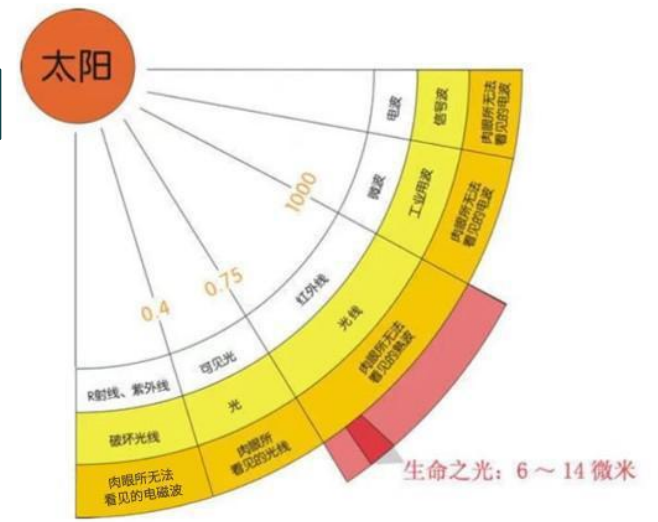
Test subject	Average ORP value
Normal tap water	532
Soft drink	454
Reverse osmosis water purifier	178
Organic coffee	74
Fresh carrot juice	-10
Broccoli juice	-40
Hydrogen water from Hydro Spring	-200



1+1>2 Water Bottle with Far-Infrared

Far-infrared function -macromolecules, small molecules,
activated water

The far-infrared material of the water bottle can absorb heat and light energy in the environment, and emit far-infrared rays in the 2-18 micron band. These far-infrared rays can break the hydrogen bonds that some molecules rely on to connect, and enhance the activity of water. Under normal circumstances, there are about 20 to 30 water molecules in a water molecule group. After being treated by the far-infrared hydrogen-rich water bottle, the large molecule group is broken into small molecule groups of about 6 water molecules, and becomes activated water. Drinking activated water can promote the exchange of water inside and outside the cells, improve micro-circulation, promote metabolism and improve immunity. At the same time, activated water can effectively neutralize the acidic substances in the blood, reduce blood viscosity and soften blood vessels, which is beneficial to the health care of patients with high blood pressure, high blood lipid and coronary heart disease besides improves immune function.



In the current field of medicine and physical therapy, a commonly used division method is that the wavelength of near-infrared is 0.8-1.5um, the wavelength of mid-infrared is 1.5-4um, and the wavelength of far-infrared is 4-1000um. Among them, the far-infrared rays with a wavelength of 6-14um are similar to or even the same as the wavelengths of most molecules in the human body, so they can be effectively absorbed and used by living organisms. It is also called as "growth rays". The far infrared in the 6-14um band is also the core band for the application of the latest generation of far infrared technology.

Unique Hydrogen Water Bottle

Hydro Spring™

- **Hydrogen & oxygen separation is safe**

The water quality is clear and transparent when producing hydrogen, the hydrogen and oxygen are truly separated. The harmful residual chlorine and ozone can be discharged by split chamber electrolysis.

- **No additives added**

Rest assured that there is no mineral electrolytes are added to deodorize.

- **Pure platinum coating without precipitation**

Imported pure platinum coating, long-term electrolysis without heavy metal precipitation

- **Can use purified water, distilled water, mineral water & filtered water**

Other hydrogen water bottles

- **Risky without membrane**

The water will be turbid when producing hydrogen, the membraneless electrolysis will produce a large amount of ozone, hydrogen peroxide and residual chlorine, which are harmful to the human body.

- **Hidden dangers with additives**

Long-term addition of deodorizing ball electrolysis will precipitate harmful substances and dissolve hydrogen sulfide which is a highly toxic substance. Poisoned water cannot be consumed.

- **Industrial coatings precipitate heavy metals**

Industrial coatings or platinum coatings with poor purity will cause long-term electrolytic dissolution and precipitation of metals, which will seriously harm the human body.

- **Only electrolyze mineral water**

Product Features



Efficient hydrogen production

- 1600-3000ppb hydrogen content
- High concentration hydrogen rich water
- Small molecule water
- Negative potential water

Intelligent oxygen elimination

- Bottom vent
- Eliminate oxygen
- Hydrogen production is more efficient & stable

Hydrogen oxygen separation

- Micro-electrolysis, separation of hydrogen and oxygen
- Titanium platinum electrolysis
- DuPont Proton Membrane

Unique design

- Smart digital display
- Ergonomic cup mouth design
- Sensitive switch button
- 260ml capacity

Long lasting electrolysis

- ≥ 10 electrolysis times
- 5 minutes electrolysis time
- Charging time 3-4 hours
- Potential range -200-0mv

Safe

- Food grade PC material
- No pollution and safer
- Waterproof USB charging port



PEACOCK

Thank You