

SUPER INTELLIGENCE

# Hydrogen-rich and Fast-heating Water Purification and Dispensing

Reverse Osmosis Water Purification and Dispensing Machine PS23

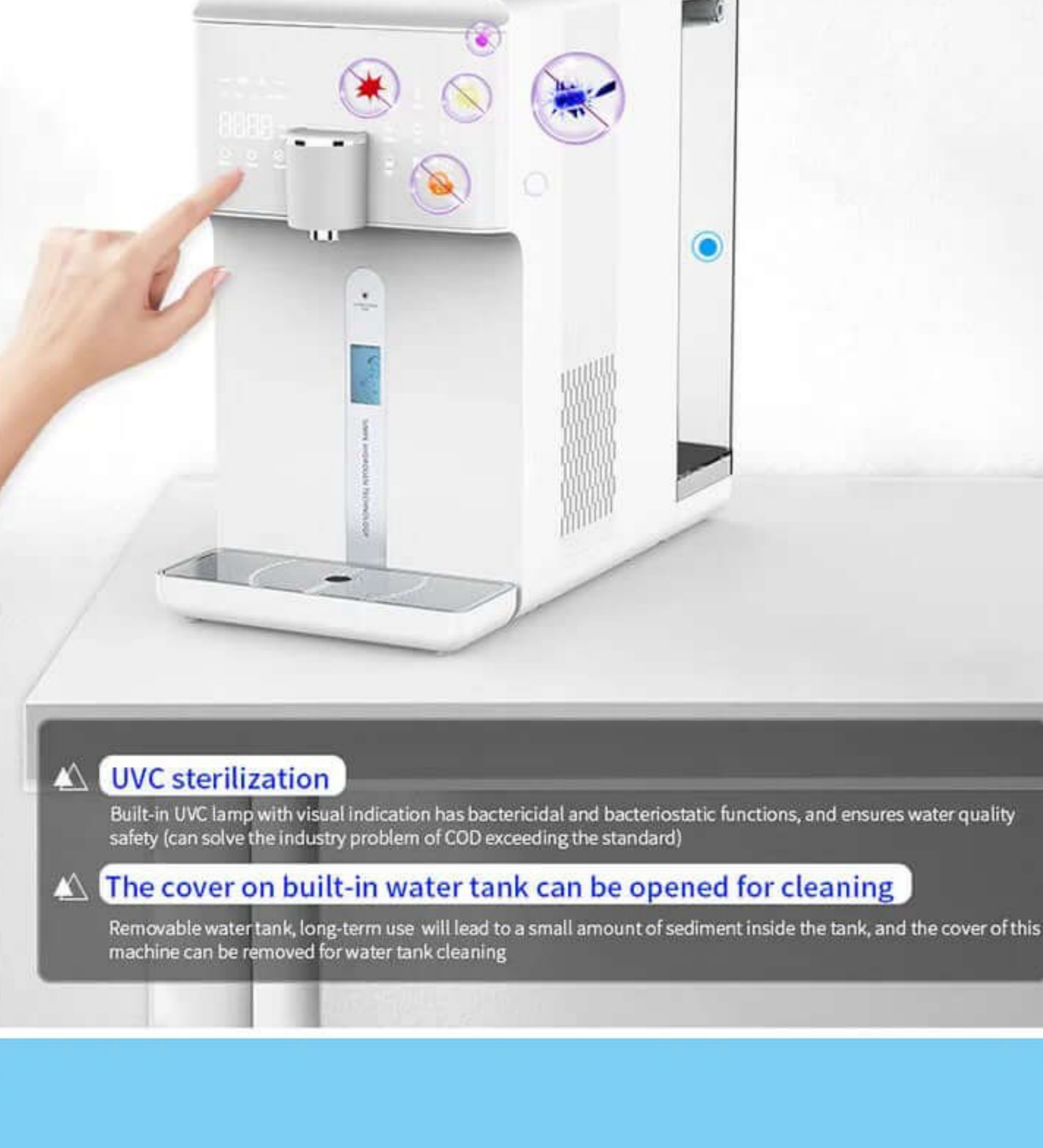


### Enjoy a smart life Take care of the health of the whole family

- Technology of super-concentration hydrogen-rich water by physically dissolved hydrogen nano-bubbles**
- Aerospace Technology Reverse Osmosis Purification Technology**
- The third generation of 3-second instant heating with rare earth technology, water temperature changed in different stages.**
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- Built-in LED UVC sterilization, visual indication**
- 200G high flux membrane + built-in large water tank, fastly and continuously supplying for many people**

## The water quality is safer

In the long-term use of the water machine, harmful substances such as bacteria and chlorine will remain. After the use time reaches a certain level, it will breed bacteria and cause secondary pollution.



**UVC sterilization**  
Built-in UVC lamp with visual indication has bactericidal and bacteriostatic functions, and ensures water quality safety (can solve the industry problem of CDD exceeding the standard)

**The cover on built-in water tank can be opened for cleaning**  
Removable water tank, long-term use will lead to a small amount of sediment inside the tank, and the cover of this machine can be removed for water tank cleaning

## Overflow instant electrolysis hydrogen production module

Imported proton exchange membrane, supplemented by Pt platinum solid electrolyte on both sides, realizes the separation of hydrogen and oxygen. The hydrogen production is stable, the gas volume is sufficient, the purity is high, and the service life is long.

**Cathode plating**

**Anodized coating**

**Imported proton exchange membrane**

## Three advantages

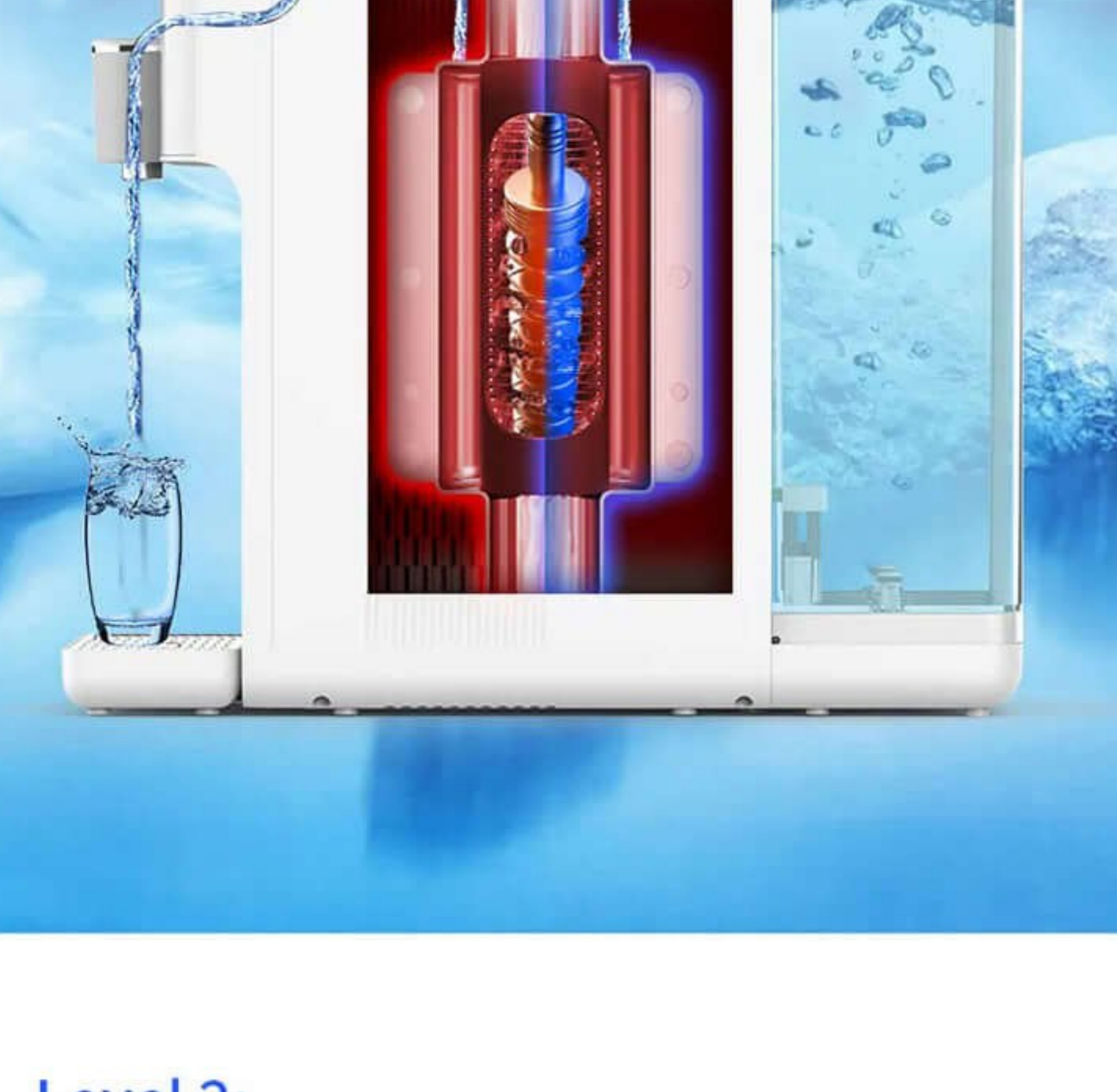
**3-SECOND FAST HEATING**  
Thick film technology, boiling water will only need 3 seconds, and water presents much higher quality after thousand boiling water is avoided.

**4-LAYER PURIFICATION**  
3-grade filter element, 4-layer purification: Aerospace reverse osmosis filtration technology, strontium-rich mineralized filter element, carbon composite filter element.

**6-STAGE TEMPERATURE CONTROL**  
Making normal temperature water, milk, cold, brewing coffee, green tea, and boiling water.

## Multi-stage water temperature, hot and cold, meet your needs at any time

- Explosion-proof stainless steel core
- Heat quickly penetrates each water molecule
- 3rd generation rare earth 3-second rapid heating technology
- Semiconductor refrigeration technology, good taste as low as 10 degrees



## Level 2: RO membrane (200G high flux)

Using high-tech space RO technology theoretically assists in purifying the impurity down to 0.0001 microns, and filtering out the bacteria, chemical pesticide residues, radioactive particles, residual chlorine, microorganisms, organic substances and other harmful substances.

- heavy metal
- scale
- Pesticide antibiotics

**12-24 months**  
Recommended replacement cycle

## Features of hydrogen-rich water

**Strong antioxidant capacity**

Hydrogen-rich water is rich in active hydrogen, which can effectively remove free radicals in the body, and has antioxidant that exceed all known antioxidants such as vitamin C, carrots, and lecithin.

**Strong penetration**

Hydrogen-rich water belongs to small molecular mass water, which is easy to absorb and has strong penetrating power.

**Safe and reliable**

Hydrogen-rich water belongs to negative potential water, and has more affinity with the weak alkalinity of human body fluids.

## 6-stage temperature control adjustable

Control the temperature of each stage to easily meet different tea needs



## One machine with several functions

### Upgrading new ways to drink water

Setting the filtration, heating and cooling, hydrogen-rich water as one  
This machine fuses the filter of water purifier, heating and cooling of water dispenser and hydrogen production of hydrogen-rich water purifier  
The body is small, powerful, does not need to install, and can move as you like.



**6L raw water tank, 2.5L waste water tank**  
Super-large water tank, high waste water ratio

**200G high flux RO membrane**  
Water production capacity: 520ml/min, water supplying is greater than water output, sustainable and continuous water supplying

**2.5L built-in pure water tank**  
Advanced water caching, no waiting for getting the water

## The water is healthier and tastes better

The world's leading technology, the pure water is electrolyzed to generate hydrogen through an independent electrolysis module, and the hydrogen and drinking water are quickly mixed and pressurized through the water-vapor mixing system, so that the hydrogen is instantly dissolved into the drinking water to generate ultra-high concentration hydrogen-rich water



## SPE Electrolysis Technology 4.0

Hydrogen production technology does not stop upgrading.

**First Generation**: Diaphragm type non hydrogen oxygen separation

**Second Generation**: Proton membrane hydrogen oxygen separation

**Third Generation**: Membrane electrode hydrogen oxygen separation

**Fourth Generation**: Membrane electrode hydrogen oxygen separation

## 3-GRADE FILTER ELEMENT · 4-LAYER FILTRATION

Filtration of heavy metals, retention of beneficial minerals

**PAC composite filter element**  
Filtration of sediment, rust, colloid and other large particulate pollutants, adsorption of small impurities such as color, odor, residual chlorine and other bacteria, micro-organisms and scale.

**200G high flux RO reverse osmosis membrane**  
Filtration of sediment, rust, colloid and other large particulate pollutants, adsorption of color, odor, residual chlorine, and iron.

**Natural trace mineralized carbon rod filter element**  
Further adsorption of color and odor, releasing strontium and other minerals, can enhance the taste of water quality, making water sweet and delicious.

This machine adopts jetison-type quick-connect filter, which can be installed by itself.

## Level 1: PAC composite filter element

Filter material: Polypropylene folding fiber PP cotton + carbon rod

① Intercepting large particles of sediment, rust suspended solids and other impurities in water.  
② Removal of residual chlorine, odor, colors, etc.

- sand, rust
- peculiar smell
- Residual chlorine

**6-12 months**  
Recommended replacement cycle

## Level 3: Natural micro-mineralized carbon rod filter

Water quality characteristics:  
- Green and environmental protection, no secondary pollution, no heavy metals exceeding the standard;  
- Slightly alkaline, the pH value can be stabilized between 7.0 and 8.5, maintaining a weak alkalinity;  
- It is rich in trace elements such as potassium, sodium, calcium and magnesium, and it is still mineralized after 15 months of continuous use.

- heterochromatic
- minerals
- Bacteriostatic

**6-12 months**  
Recommended replacement cycle

## 3-second instant heating

Refuse to wait long, not run for water

First filter and then boil the water, dripping fresh and pure

- Explosion-proof stainless steel core
- Heat penetrates each water molecule rapidly
- The third-generation rare earth 3-second rapid heating technology realizes 3-second rapid heating
- Compared with traditional heating, the water quality is fresh, and repeated heating is avoided

Compared with quartz tube technology, thick film technology improves its shortcomings of poor stability and high defect rate.

