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● Specifications

Product model	Humanwater HU-150		Flow rate of filtration (0.1MPa)	4.0L/min.	
Power supply	AC 220-240V 0.9A 50/60Hz		Applicable minimum water pressure	0.1MPa	
Power consumption	Max. approx. 240W (at stand by: approx. 0W (remark 1))		Purified water (HUR-K)	Material of filter	
Classification	Machinery and equipment 83 Medical substance Generator		Water purification capacity Remark 2	Activated carbon, Ceramics, hollow fiber membrane and non-woven fabric	
General name	Continuous electrolysis method			Free residual chlorine	Total amount of filtration 12,000L Bromodichloromethane 7,000L
Manufacture and sales certification number	230AFBZX00004000(Japan)			Turbidity	7,000L Dibromochloromethane 7,000L
Main body	Dimensions	Width 270 x Depth 130 x Height 250(mm)		Soluble lead	7,000L Bromoform 7,000L
	Weight	Approx. 5.2kg (full with water) 4.8kg (empty and dry)		CAT (Agricultural chemical)	7,000L Tetrachloroethylene 7,000L
Water supply method	Fausset diverter connection type, 3 stages			2-MIB (mildew odor)	7,000L Trichloroethylene 7,000L
Type of electrolysis method	Continuous electrolysis method (Flow sensor installed)			All trihalomethane	7,000L
Highest water temperature	35°C			Chloroform	7,000L
Highest water pressure	0.5Mpa			Substances can be filtered or removable except the above	Iron (micro particles) Removable Carbon Tetrachloride 7,000L Aluminum (neutral) Removable Benzene 7,000L
Electrolysis (Electrolysis hydrogen mode)	Water flow rate	Electrolysis hydrogen (ionized alkaline) water: 3.2L/min. Ionized acidic water: 0.8L/min.		Remark 3	Geosmin (mildew odor) 7,000L Cis-1,2-dichloroethylene and trans-1,2-dichloroethylene 7,000L Phenols 7,000L
	Output ratio	Electrolysis hydrogen water: ionized acidic water= 4:1	Remark 4	Recommendable span of replacement filter cartridge Approx. 12 months (subject to Free residual chlorine base and 33L per day) (Time for replacement depends on removal substances Estimated replacement time may be shorten depends on amount of water used, water quality and temperature.)	
	Electrolysis level	6 stages= 3stages x 2 modes (fixed-current and following-rate)			
	Estimated duration in continuous use	Approx. 30 min. (standard), Approx. 10 min. (level strong at fixed current mode)			
Electrode cleaning method	Reverse electric cleaning according to the accumulated electrolysis time (min.)				
Life span of electrolysis cell	1,500 hours				
Protection	Fuse on electric circuit				

Remark 1: Due periodically power is charged, the notation is normally based on standby mode (when discharging).  
 Remark 2: Value obtained at removal rate of 80%, under Household water purification test method (JIS S 3201:2019).  
 As for Turbidity, the value is based on 50% of an amount of water filtered.  
 Remark 3: Value obtained at removal rate of 80%, under test (JWPAS criteria B) of General Incorporated Association Japan Water Purifier Association (JWPA).  
 As for Iron (micro particles) and Aluminum (Neutral), water purification capacity is not regulated.  
 Remark 4: To maintain best performance of main unit, it is recommended to replace the cartridge at least once a year.



# Humanwater

ヒューマンウォーター HU-150

Manufacturer and sales certification number: 230AFBZX00004000(Japan)

Precautions for use

When you first drink, start from a small amount of water with the electrolysis level close to neutral. When you use electrolysis hydrogen water (ionized alkaline water), please note the followings. \* Do not take medicine with electrolysis hydrogen water. \* Please consult a physician in advance if you have a kidney disorder. Do not take generated water if you have a renal insufficiency or kalium excretory disorder. \*Do not take pH10 or over which is not drinkable and no direct drinking. \* Please consult a physician if you feel unusual while taking electrolysis water or if your symptoms do not improve after drinking. \* When using acidic water, please note following.\* Please consult a physician in advance if you have a sensitive skin, or you are allergic. if your skin feels unusual after using ionized acidic water, please stop immediately and consult a physician. \* Do not use any water that is not potable but tap-water only.

● Manufacturer and Distributor

Only one in the world, Comprehensive Functional Water Maker  
**OSG Corporation Co., Ltd.**

Head office: 1-26-3, Tenma, Kita-ku, Osaka City, Osaka  
 Tokyo Sales Headquarter: Mita43MT Building 7F, 13-16, Mita 3-Chome, Minato-ku, Tokyo  
<http://www.osg-corp.com/>



Distributor



# Humanwater

ヒューマンウォーター HU-150

Electrolysis hydrogen water generator

Managed medical apparatus Effect and efficacy | Improvement of gastro-intestinal symptoms

Manufacturer and sales certification number: 230AFBZX00004000(Japan) Relieves discomfort in the stomach, encourages proper intestine function, and helps regulate bowel movements.

Fits with your lifestyle,  
 Accessible by all your family,  
 simple design.

Suitable for every kitchen space  
 Effortless and enjoyable to use by your entire family  
 Beauty combined with functionality, HU-150





209mm



Water is essential for daily life.

With this unit, the water is not only for drinking but also totally related to your life.

HU-150 is an electrolysis hydrogen water generator, being accessed easily and simply by the young and old of all ages, to produce the water needed in everyday life.

Safe water. Water to improve the taste of cooking. Gentle to the skin. Healthy water.

The entire family will smile in daily their lives. Humanwater can offer both good design and function.

210mm

### What is electrolyzed hydrogen water?

Simply, it is alkaline hydrogen water that is generated by decomposing water. Hydrogen is said to have a reducing effect. When water is electrolyzed, hydrogen is generated on the negative electrode side (cathode side), and electrolysis hydrogen water (alkaline hydrogen water) is produced by increasing the number of cations such as hydroxide ions and calcium ions.



**HEALTH**  
Healthy water to regulate gastrointestinal function

**SKINCARE**  
Gentle water for skin, best for washing face and kitchen wares

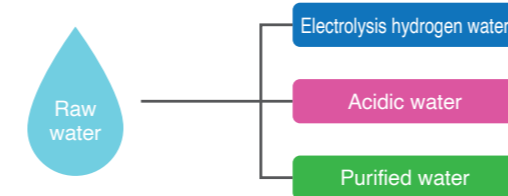


**COOKING**  
Tasteful water for making cooking delicious

**SAFETY**  
Clean water to support a comfortable daily life

### Types of water generated by 「Humanwater」

In addition to electrolyzed hydrogen water, it also produces acidic water that is gentle to the skin, and purified water that is removed turbidity and odor.

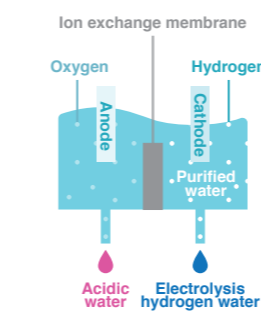


### 「Humanwater」 is a managed medical apparatus.

Relieves discomfort in the stomach, encourages proper intestine function, and helps regulate bowel movements.

Effect and efficacy | Improvement of gastro-intestinal symptoms | Manufacturer and sales certification number: 230AFBZX00004000(Japan)

210mm



### Outstanding electrolysis capacity.

Household-use model is also equipped with a unique electrolysis technology, 「DEM system」 which has been adopted for commercial and industrial use. It achieves a constant electrolysis to meet increasing flow of water. 「ECO system」 ( Automatic reverse electric cleaning) runs periodically to clean electrodes enabling to maintain a long and high level of electrolysis.

Power saving HPR system (Hybrid power regulator)

41.4 JP ¥/month  
(1kwh/30P ¥ estimate)

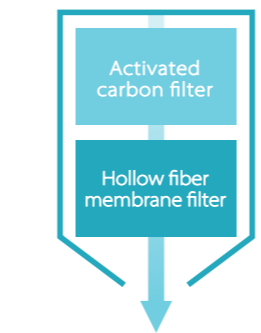
Compared to HU-121 model  
**40% DOWN**

0 During waiting mode, the battery begins working. Almost zero power consumption occurs during waiting mode

Lifespan of electrolysis cell

1500 hours

Compared to HU-121 model  
**180% UP**



### Ability to remove up to 19 substances. Increased purification power.

Removing capacity by cartridge is drastically up graded to cover 19 substances in total, adding 7 substances (Water purifier association's criteria) to 12 substances (Household Goods Quality Labeling Law) removed by our conventional model HU-121.

12 HU-121 → **19** HU-150  
Compared to HU-121 model

- Activated carbon filter Bring out maximum effect of activated carbon with more compact size compared to our conventional product. (Our company's estimation)
- Hollow fiber membrane filter Excellent performance of filtration by pipe-shaped ultrafine fibers with 0.1 micrometer hole.

### Easy operation

Satisfaction of "comfortable use" for anybody, by pursuing universal design. 「electrolysis hydrogen water」, 「acidic water」 and 「purified water」 can be selected by pressing 3 buttons only.



### Compact body

Compared to our HU-121, weighs less and height is reduced to 75%. Improves the size to easily install your kitchen.

### With one look, you can understand the design

Electrolysis hydrogen water or acidic water or purified water can be seen at a glance by mounting illumination bar.



209mm

We, OSG Corporation, Only one in the world, are comprehensive functional water maker.

OSG Corporation, established in 1970, is the comprehensive functional water maker. We operate a wide variety of businesses related to water such as the water purifier, electrolysis hydrogen water generator, and hygiene management equipment. Especially, in the field of hydrogen water generator business, we have developed and manufactured commercial-use product for famous hotels and restaurants, and industrial-use for beverage makers as well as household-use. Humanwater can produce an excellent quality based on the technology cultivated in the numerous years of research and achievements.

### OSG Corporation product, prominent places in Japan



### Our end-user

#### Beverage maker

Asahi Soft Drinks  
Asahi Beverage  
Sapporo Beverage  
Suntory Beverage & Food Ltd.,  
Etc.

#### Food Processing Company

Yamazaki Baking Co., Ltd.,  
Yakult Honsha Co. Ltd.,  
Fujiya Co.,Ltd  
Daiichi Foods Corp  
Etc.

#### Dairy Products Manufacturer

Meiji Dairies Corp  
Megmilk Snow Brand Co.,Ltd.  
Koivai Dairy Products Co.,Ltd.,  
Etc.

#### Medical Institution

Hokkaido Circulating Organ Hospital  
Iwate Prefectural Center Hospital  
Tohoku University Hospital  
Musashino Red Cross Hospital  
The Nippon Dental University  
Etc.,

#### Hotel, Restaurant

Rihga Royal Hotel, Osaka  
Hotel Okura, Kobe  
Kagaya  
Sushizen  
Mitsui Urban Hotel  
Etc.,

#### Others

Riken  
Principal transport facilities  
Theme park  
Government and municipal offices  
National and public universities  
Listed in random order