

Product Comparison



Water purifier VS Ionizer



No alkaline water produced

RO filtration system even filters out Minerals and acidifies water which are helpful to the human being's health and only distilled water produced.

Secondary contamination

Reservoir type of water filtration device causes secondary contamination such as bio-film inside the tank and bacteria propagation.

Cold water and ice can be harmful

A body temperature maintained at 36.5°C blocks bacteria. If temperature drops below 36.5°C , metabolism can not be activated, failing autonomic nerves, causing confusion in hormone balance and allergies.

Waste of water

Water purifier based on RO system only has about 20~30% of recovery rate. Rejected water Q'ty is much more than filtered Water normally.

Creating alkaline & acidic water

To meet your multiple choice, our machine provides you with 4 stages of alkaline (pH8.5~10.0) & even 4 stages of acidic water (pH4.0~6.5).

No worry about contamination

Direct flow is free from the secondary contamination unlike Tank type of filtration device.

Metabolism controlled

Alkaline water is effective in maintaining hormone balance & even improving stomach symptoms.

KFDA Certified

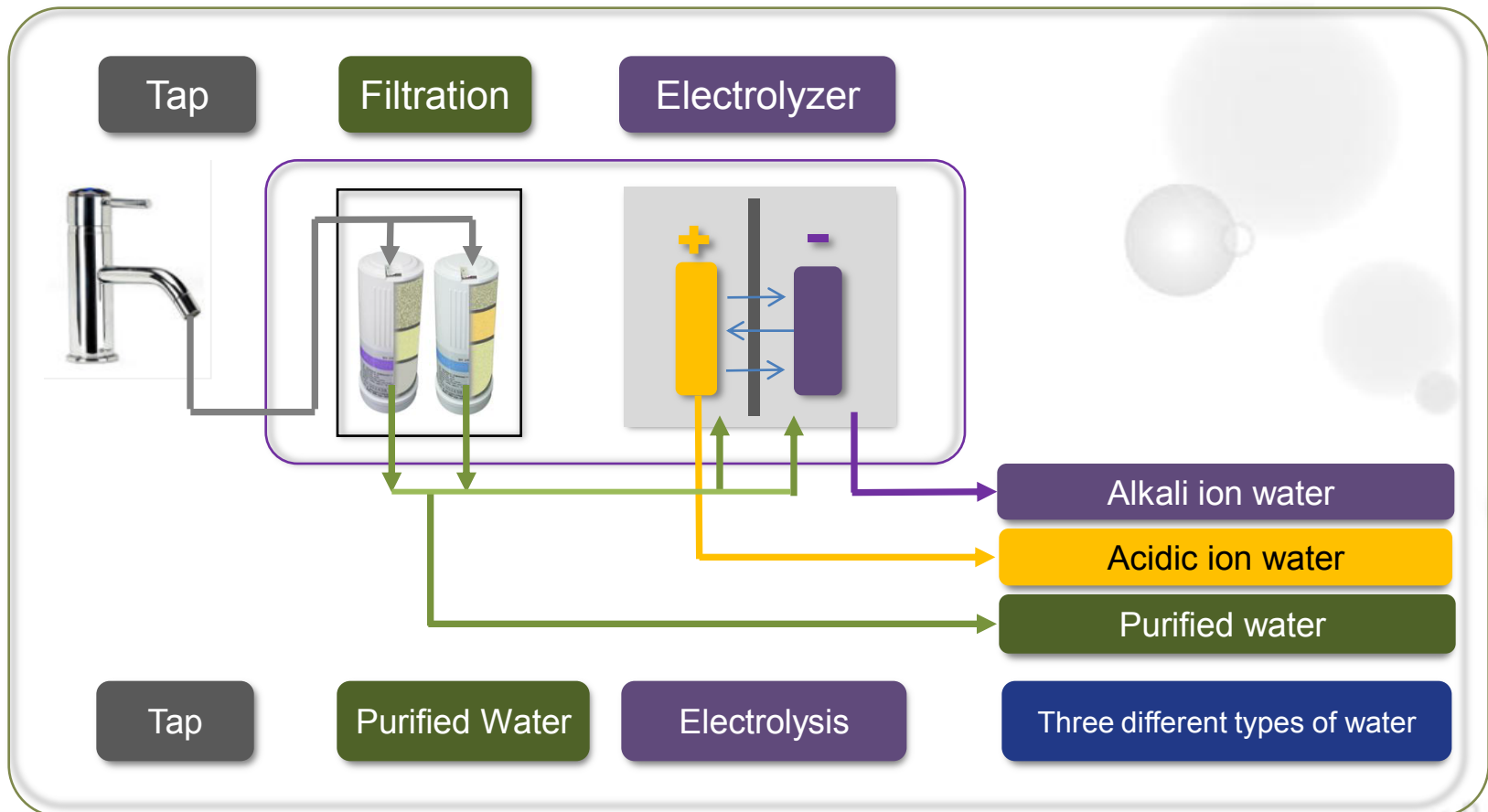
More eco-friendly

Other than drinking uses, it can be used in various aspects such as aesthetics, sterilization and cleaning.

Ionizer



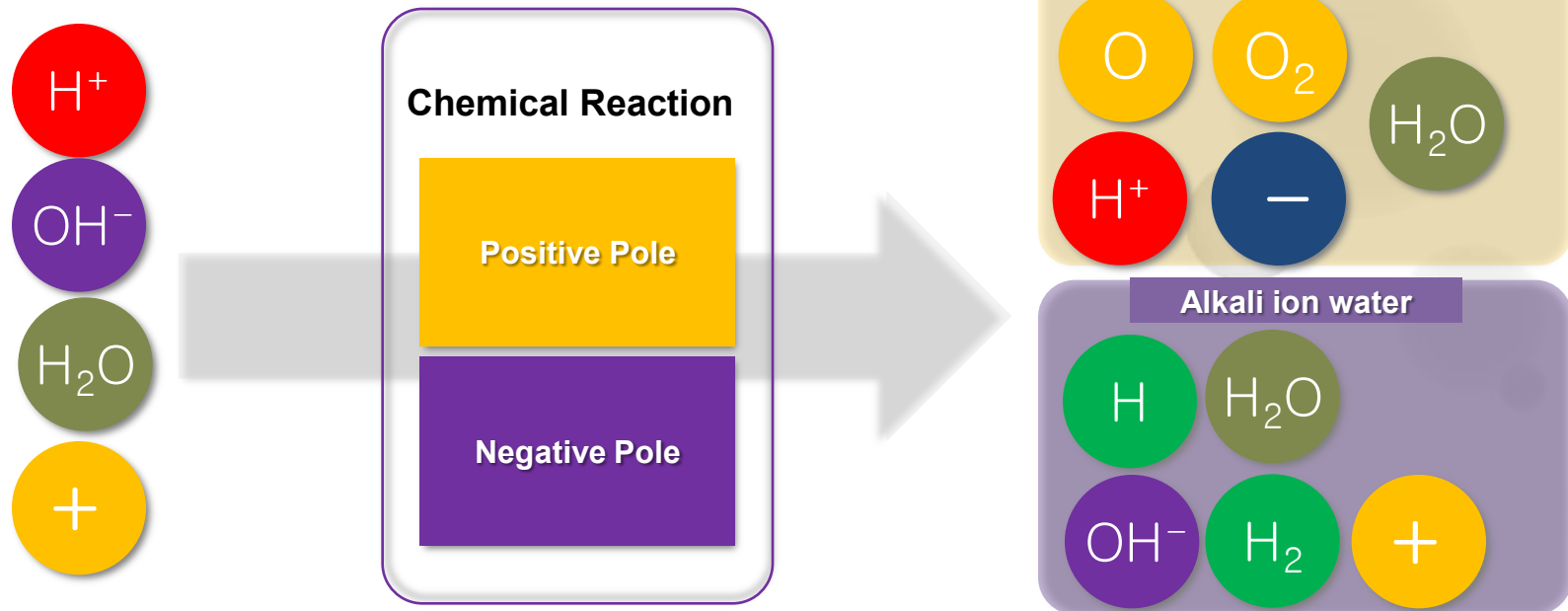
- ☒ Ionizer is a device that creates alkali and acidic regenerated water through electrolysis after removing heavy metal and harmful materials through various filters for the water supplied from the tap.



Ionized water I (mechanism)



- ☒ Water contains such minerals as Ca, Mg, Na, K but vast amounts of OH⁻, H⁺ ions.
- ☒ Through filtration, the water with harmful materials eliminated carries the characteristics of alkaline and acidic according to the chemical reaction that takes place in the positive and negative poles of the electrolyzer.



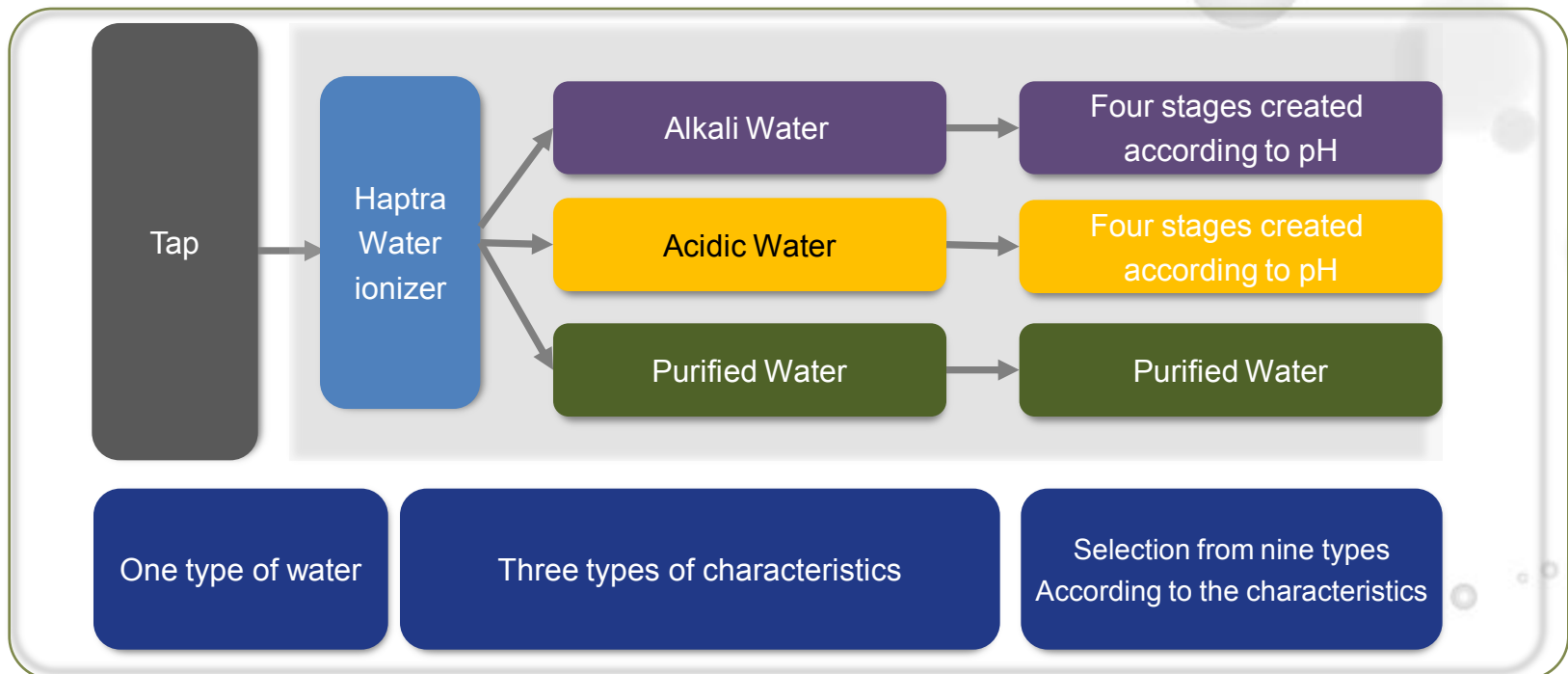
Ionized water II



- ☒ Ioncares ionizer provides you with 9 stages of water to meet your colorful requirements. 4-stage-alkali ion and purified water & 4-stage-acidic water

1 st	2 nd	3 rd	4 th
PH 8.5~9.0	PH 9.0~9.5	PH 9.5~9.7	PH 10~

- Haptra Ionizer goes through various stage of filters not only to create clean water but also through electrolysis to create both alkali ion water and acidic water.
- Alkali ion water ionizer does not aid promotion of health and it can also be used in daily lives widely, such as cooking and drinking.
- Acidic water can be used for various purposes such as sterilization and cleaning.



Effects



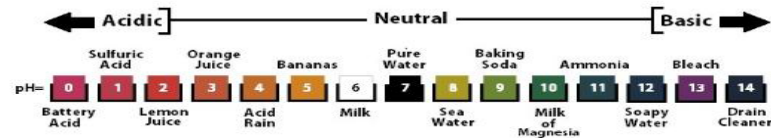
Haptra Ionizer was accredited officially by KFDA and Ministry of Welfare in Japan.

Key effects of Ionizer

- ☒ Suppression of Hypergastric acidity
- ☒ Improvement in indigestion
- ☒ Improvement in chronic diarrhea
- ☒ Suppression of abnormal fermentation within stomach
- ☒ The mechanism of the enhanced antioxidant effects against superoxide anion radicals of reduced water produced by electrolysis

Effects of acidic water

- ☒ Aesthetic effects (Skin, Hair care)
 - Improve the complexion of your skin
 - It is great for scalp and leaves your hair feeling soft.
- ☒ Sterilization and cleaning effects
- ☒ Antiseptic: Acidic water can be used as an antiseptic for abrasions, cuts, and a mouth wash to assist in removing plaque from teeth.



Certified Test Report

1. Test Client
 - Company Name: HOSKAWA Co., Ltd
 - Address: 1420-0701 23-03 Wajigah-dong, Pyeongtaek-si, Gyeonggi-do, Korea
2. Test Sample
 - Product Name: Alkaline ionic water generator
 - Model No.: HSC-9000, HSC-7000, HSC-5000
 - Manufacturer: HOSKAWA Co., Ltd
 - Address: 1420-0701 23-03 Wajigah-dong, Pyeongtaek-si, Gyeonggi-do, Korea
3. Test specifications & Method: KFDA Notice No. 2013-018
4. Test Result: Conformance
5. Use of Certification: Permission of medical device
6. Date of request: 2013. 06. 03
7. Certificate issue date: 2013. 06. 04

Inspector: Dr. Hyung, Euns
Person in charge: Dr. Park, Kye

The test results of this certified report only apply to the sample provided by client.
The certified report cannot be reprinted or altered in any part without approval of UCS.

UCS Co., Ltd

Certified Test Report

2. Report No.: CT13-76009
6. Test Result
 - (1) Alkaline ionic water generator (HSC-9000, HSC-7000, HSC-5000)

Product Index Test									
Test Item	Unit	Water quality standard	Level of purification	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result
Acidity	CFU/ml	100	0	0.1	no detection	no detection	no detection	no detection	no detection
Total coliforms (CFU/ml)	100	100	0	0.1	no detection	no detection	no detection	no detection	no detection
Coliforms (CFU/ml)	100	100	0	0.1	no detection	no detection	no detection	no detection	no detection
Lead	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Copper	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Ammonia	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Iron	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Fluoride	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Calcium	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Magnesium	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Sulfate	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Phosphate	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Hydrogen peroxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine dioxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine trioxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine tetroxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine pentoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine hexoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine heptoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine octoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine nonoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine decaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine undecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine dodecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine tridecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine tetradecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine pentadecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine hexadecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine heptadecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine octadecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine nonadecaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection
Chlorine eicosaoxide	mg/L	0.01	0.001	0.1	no detection	no detection	no detection	no detection	no detection

"This product, as an approved health device, is effective in gastronomic symptoms such as chronic diarrhea, indigestion, abnormal fermentation within stomach, excessive gastric acid with the alkali ion water created by the device."

