

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.

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).

Secondary contamination

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

No worry about contamination

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

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.

Metabolism controlled

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

KFDA Certified

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.

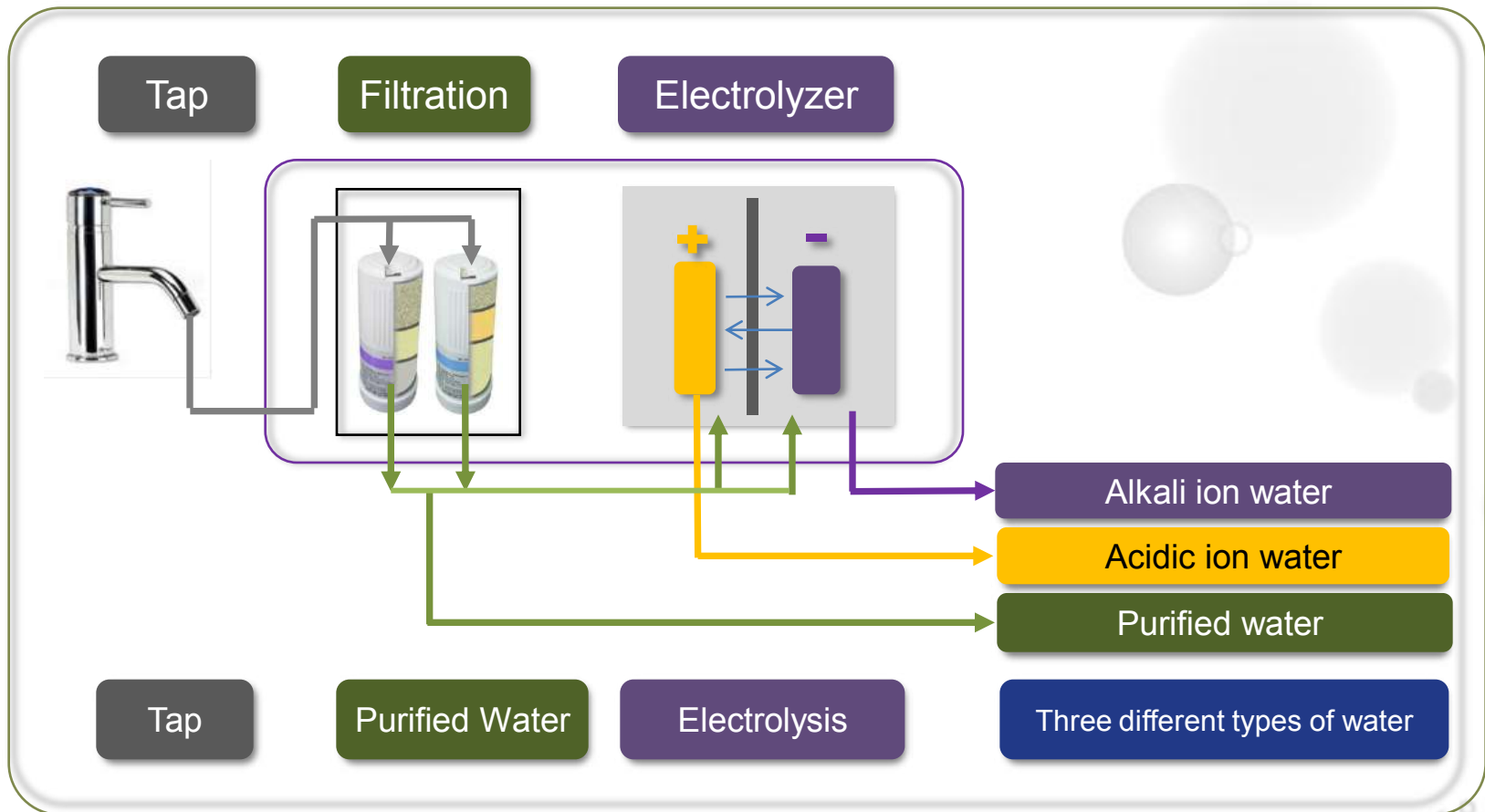
More eco-friendly

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

Ionizer



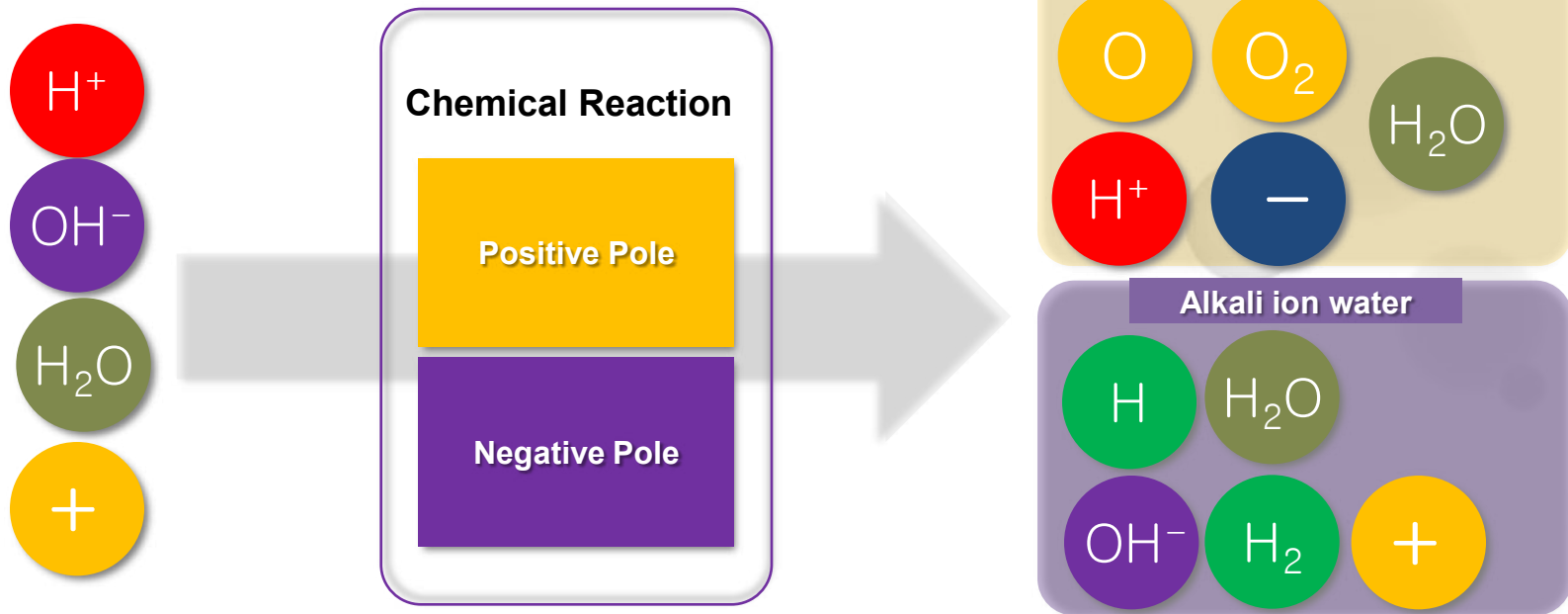
- ⊗ Ionizer is a device that creates alkali and acidic regenerated water through electrolysis after removing heavy metal and harmful materials through various filters for the water supplied from the tap.



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.



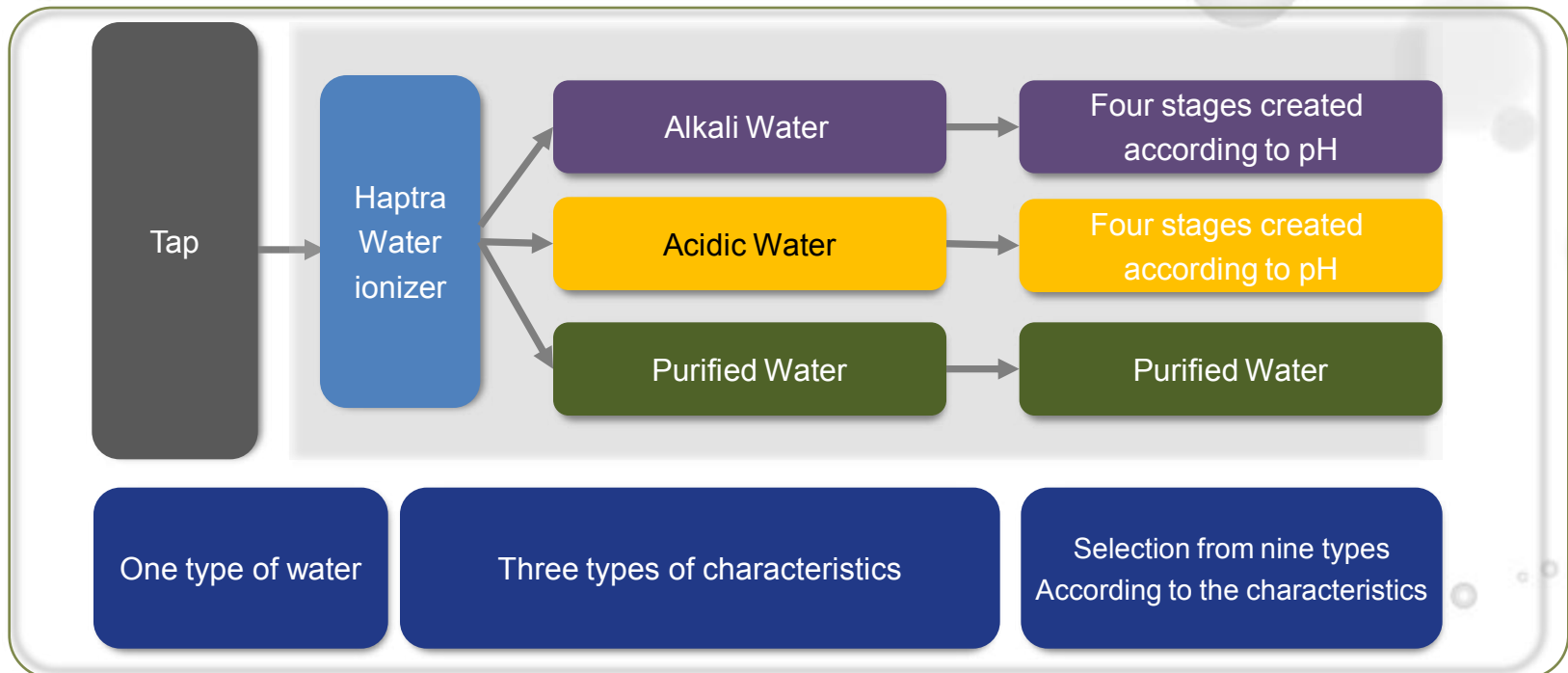
Ionized water II



- ☒ 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



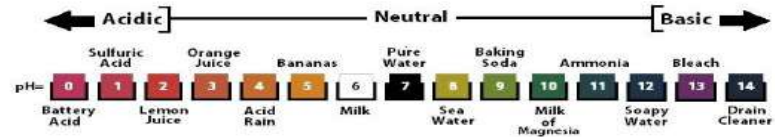
Haptra Ionizer was accredited officially by KFDA and Ministry of Welfare in Japan.

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 Item • Company Name: HAPTRA Co., Ltd • Address: 1420-1701 21-02 Wilsan-dong, Pseongbuk-gu, Gyeonggi-do, Korea	
2. Test Sample • Product Name: Alkaline ion water generator • Model No.: HAPTRA-J001, HAPTRA-T001, HAPTRA-A001 • Manufacturer: HAPTRA Co., Ltd 1420-1701 21-02 Wilsan-dong, Pseongbuk-gu, Gyeonggi-do, Korea	
3. Test specifications & method: KFDA, Korea Std. 2010-018	
4. Test Result: Conformance	
5. Date of Certification: Permission of medical device	
6. Date of Report: 2013. 08. 01	
7. Certificate Issue Date: 2013. 08. 01	
Inspector: Dr. Hyun, Ilho	Person in charge: Dr. Park, Eun
The test results of this certified report only apply to the sample provided by client. The certified report cannot be copied or used in a part without approval of HCS.	
UCS Co., Ltd	

Certified Test Report					
Report No.: 0713-0103 1. Test Result (1) Alkaline ion water generator (HAPTRA-J001, HAPTRA-T001, HAPTRA-A001)					
(2) Ionizer (Water Filter)					
Test Item	Value	Unit	Standard	Test Result	Test Method
Conductivity	0.04	μS/cm	≤ 10	Pass	Electrode method
Total Chloride	0.0001	mg/L	≤ 0.1	Pass	Mercuric nitrate method
Calcium	0.0001	mg/L	≤ 0.1	Pass	Mercuric nitrate method
Magnesium	0.0001	mg/L	≤ 0.1	Pass	Mercuric nitrate method
Iron	0.0001	mg/L	≤ 0.1	Pass	Mercuric nitrate method
Aluminum	0.0001	mg/L	≤ 0.1	Pass	Mercuric nitrate method
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