

IONTECH

IONISED ALKALINE WATER

GoNag Solutions Private Limited is a Indian based company incorporated in 2008 @ Davangere, Karnataka state is working towards excellence in the Medical Equipment space and believes in pursuing business through innovation and technology. Our goal is to be a leader in the industry by providing enhanced products, services, relationship and profitability. We strive to grow through creativity and innovation. We integrate honesty, integrity and business ethics into all aspects of our business functioning. Our future looks bright as we continue developing a strong base of key customers and increasing the assets and investments of the company.

Since the last 15 years there has been a lot of research going on around the hydrogen gas. Scientific evidence supports on the theory of hydrogen being the potential solution of getting rid of many human diseases. Thus, GoNag came up with a revolutionary product, 'Iontech Alkaline Water Ionizer' that supports the above theory and gives hydrogen rich alkaline, antioxidant mineral water. It has decided to incorporate itself to promote this device which particularly focuses on infusion of more molecular hydrogen gas in water. The detoxification nature of our water due to micro clustering nature and rich hydrogen takes care of the diseases like diabetes, high BP, high cholesterol, liver Diseases, kidney disease, arthritis and even the dreadful disease like cancer. Thus, protecting the health and promoting the wealth of mankind from the pollution by consuming the Healthy hydrogen rich alkaline water.

Our manufacturer in Taiwan is a professional manufacturer of water ionizer and water filtration systems. Our manufacturing company, Houng Ji Industry Co., Ltd., was established in 1997 with office and warehouses located in Taichung, Taiwan. We are a Taiwanese company with a young staff of experienced engineers and diligent sales people. With over 18 years of OEM and ODM expertise, we are accomplished in all areas of water ionizer design and manufacture. Our products are sold world wide and we continue to extend our territory, and provide our products and services to more people.

Water ionizer technology originated in Japan. Research there pointed to the benefits to human health and other household uses of conditioned ionized water. Building on early technologies, IonTech has focused on improving R&D capabilities and mass production facilities. In recent years, we have seen customer awareness increase, markets grow and our sales increase. We will continue to strengthen our R&D resources in Taiwan and offer improved service to more customers to shorten the distance between ourselves and the market, and integrate the market's various demands into our new products.

We focus on innovation and plan to introduce new products every year. Our R&D aims to satisfy customer needs and develop environmentally friendly products. We continue to improve the usefulness and reliability of our products and advance the suitability Alkaline water for human consumption. We believe our duty is to be earth friendly.

We appreciate your opinions and suggestions. Your valued feedback helps us to steadily improve our products and services. You are our most precious resource.

	<i>For INDIA</i> <i>“GONAG SOLUTIONS PVT. LIMITED”</i> <i>is the Sole Partner for Sales and Marketing.</i> <i>Mr. Eric Lee, Taiwan and Dr. Shankar patil B G, India.</i>
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Preface - Health, Longevity & Active Hydrogen Water

The human body is 70% water. Many of our major organs are composed of 80% to 90 % water. However most people don't realize the importance of drinking water. Water is the main medium in the body's metabolic processes. It helps remove wastes from the body and helps maintain our internal chemical balance. We require 2 ~3 liters of water per day to balance and cleanse the interior of our body. Scientists discovered a clue to health & longevity in the villages of Yuzurihara in Japan, Turpan of Xingjiang in China, Fenzha in Pakistan and the Caucasus area in Europe. The people living in these regions have a longer average life span than people in other areas of the world. One of the characteristics of these 'long-life' areas is their natural drinking water which contains no pollution, has a small molecular structure and is slightly alkaline. This natural drinking water contains high percentage of active hydrogen ions. When consumed, these active hydrogen ions act as free radical scavengers by reacting with react with active oxygen ions in the body.

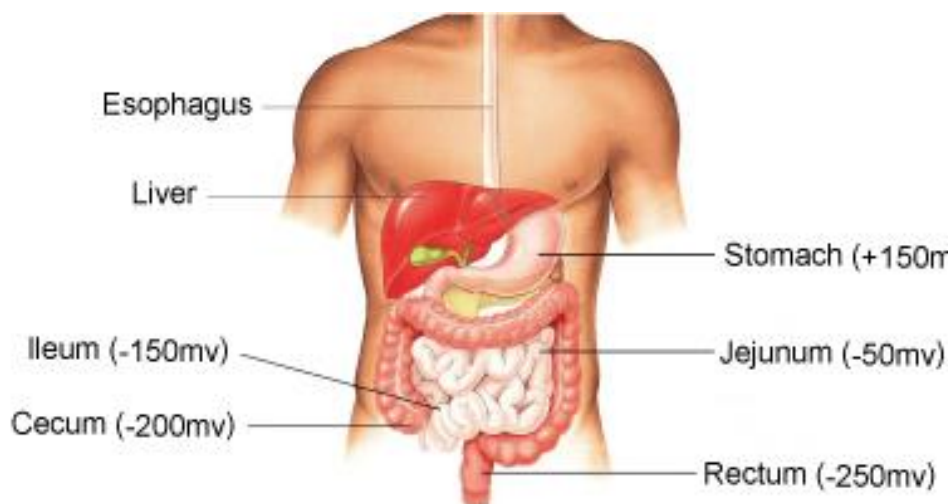
Free Radical Theory of Ageing and Effects on Health

The body routinely performs metabolic processes such as respiration and digestion to keep us moving, working and living. Some these processes require us to take in oxygen, which is relatively stable in the air, but when absorbed into the body it can become active and unstable because are the atoms have a single unpaired electron in its outer shell. These 'free radical' oxygen ions are unstable and have a high oxidation potential. They have a tendency to attach themselves to any biological molecule, including molecules of healthy cells. They are capable of stealing electrons from other cells in their attempts to gain a paired electron that would give them balance and stability. It is generally accepted that free radical reactions or 'oxidation' in the body is responsible for age related damage that leads to a host of degenerative diseases. We can reduce free radical damage through consuming anti-oxidants in a number of ways:

- 1.Enzyme: peroxide enzyme, catalyst
- 2.Vitamin: Vitamin A, Vitamin C, Vitamin E
- 3.Mineral: Copper, Zinc, Iron
- 4.Ionized water—active 'reduced' ionized water
- 5.Vegetable: Bioflavonoid, Sprouting Broccoli, Carotene, Lycopene, Lutein.

Health Benefits from drinking water with a high percentage of active hydrogen (-250mv ORP)

The human body is 70% water. Many of our major organs are composed of 80% to 90 % water. However most people don't realize the importance of drinking water. Water is the main medium in the body's metabolic processes. It helps remove wastes from the body and helps maintain our internal chemical balance. We require 2 ~3 liters of water per day to balance and cleanse the interior of our body. Scientists discovered a clue to health & longevity in the villages of Yuzurihara in Japan, Turpan of Xingjiang in China, Fenzha in Pakistan and the Caucasus area in Europe. The people living in these regions have a longer average life span than people in other areas of the world. One of the characteristics of these 'long-life' areas is their natural drinking water which contains no pollution, has a small molecular structure and is slightly alkaline. This natural drinking water contains high percentage of active hydrogen ions. When consumed, these active hydrogen ions act as free radical scavengers by reacting with react with active oxygen ions in the body.



What does a water ionizer do?

A home water ionizer filters and conditions water using electrolysis. When in use, the system produces ionized or electrically charged water that has different chemical properties than the original tap water. Taking filtered tap water in, the system outputs both alkaline or reduced water (water with concentrated OH⁻ ions); and acidic or oxidized water (water with concentrated H⁺ ions) through separate exhaust ports. The water produced provides many health benefits for animals and human when consumed and that has many other beneficial household uses. A home water ionizer also protects your health by also filtering your drinking water. It ensures that the water you drink and cook with is properly conditioned, clean and healthy.

Why is drinking water from a home ionizer beneficial to our health?

Scientific, peer-reviewed literature usually refers to ionized water as "electrolyzed reduced water", or ERW. Scientific research and literature has shown that ERW exhibits strong health-enhancing benefits. Most importantly, it has an antioxidant effect. This is due to the presence negative hydrogen ions. H⁻ions are present in the water in a clustered form,

wherein each negative hydrogen ion is surrounded by a cage (or cluster) of water molecules. The ionized water also shows a reduced cluster size and reduced surface tension. The reduced cluster size and reduced surface tension, which are created by the presence of the H-ion, are also believed to have beneficial health effects when the water is consumed. The electrolysis treatment makes three important changes to the water chemistry:

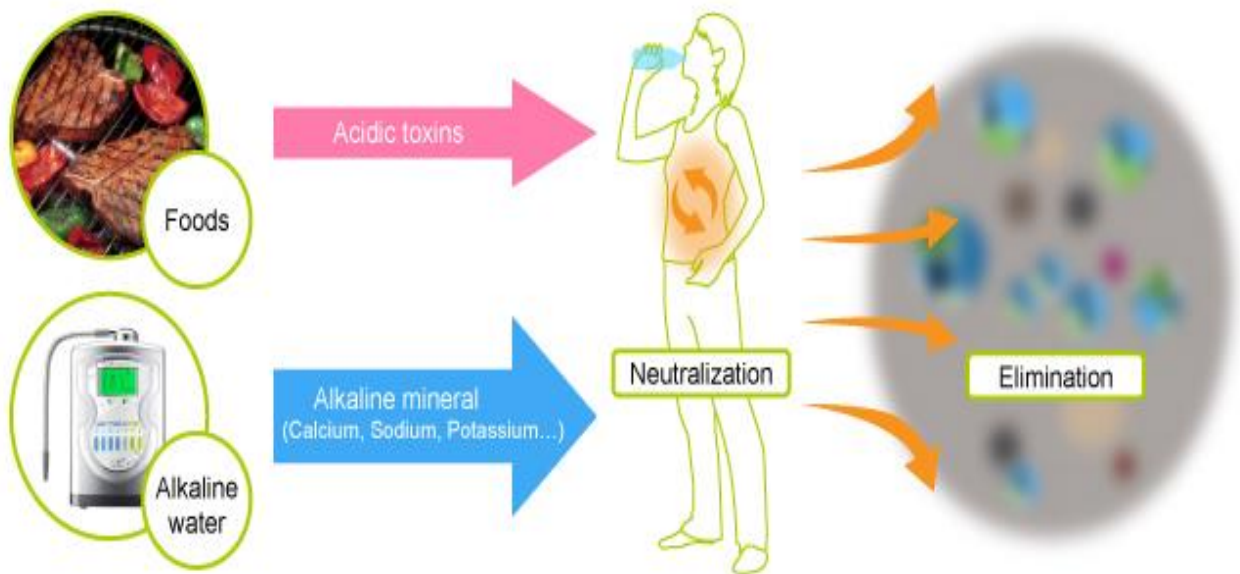
1. Electrolysis changes the ORP value of tap water from +500mv to -150~-800mv.

— Alkaline (Reduced) water carries a slight negative electrostatic charge (surplus electrons). This – ORP (Redox Potential) provides a powerful antioxidant benefit to when consumed. It helps scavenge and neutralize harmful free radicals that are associated with aging and health problems.

Ionized Alkaline (Reduced) water with ORP values of -250 to -350 mV, donates its electrons to unstable oxygen radicals and blocks the interaction of the active oxygen with normal molecules. This reduces the active oxygen (AO) and renders it harmless. Undamaged biological molecules are less susceptible to infection and disease. Ionized Reduced water also inhibits excessive fermentation in the digestive tract by reducing indirectly metabolites such as hydrogen sulfide, ammonia, histamines, indoles, phenols and scatols, resulting in a cleaner stool within days after reduced water is taken on a regular basis. In 1965, the Ministry of Welfare of Japan announced that reduced water obtained from electrolysis can prevent abnormal fermentation of intestinal microbes. The -ORP (Oxidation Reduction Potential) value of ionized water is a measure of the antioxidant benefit. The more negative the ORP value, the more scavenging benefit.

2. Electrolysis changes the pH value of the water

-- Alkaline water helps balance the body chemistry and maintain optimal pH levels. Drinking alkaline water improves the body's ability to buffer acids and flush acidic residues. The pH level of tissues, body fluids and organs is tightly regulated. The body maintains a blood pH level at around 7.35 -7.45. Enzymes and other proteins function properly within this optimum pH range. Acidifying foods in our diet (such as meats, starches, sugars, alcohol and other processed food products), or other environmental may stress the body to maintain a pH balance within this optimal pH range. The body uses many methods to maintain pH values within the optimal range. Mostly importantly, it relies on high pH fluids, such as water, that act as solvents to neutralize acid residues. It also utilizes electrolyte buffers like sodium, calcium and potassium to bind acids, that are then removed through the urine. But some of the methods it uses to adjust pH may have negative effects in the long term. People with a generally trending acidic physique tend have a weaker immune system and may experience a general physical deterioration, emotional tension & trepidation, poor metabolism, weaker excretion system, and a propensity to constipation. Long term suffers are also prone to illnesses such as hepatitis, cancer, palsy, hypertension, heart disease, diabetes, nervousness disease and others. Regular use of Alkaline drinking water can help flush acidic residue from the body and help restore our optimal pH balance. In countries around the world, many cities sterilize their water with Chlorine. Chlorine causes drinking water to become acidic. Alkaline water also contains many beneficial mineral ions like calcium, magnesium, potassium and other beneficial trace minerals. These electrolytes carry a (-) charge that improves the absorption rate in the body.



3. Electrolysis temporarily alters the molecular structure of the water

Promotes better Hydration

The bonds between the water molecules are fragmented and the cluster size of the molecule becomes temporarily smaller. This smaller molecule cluster size allows for better absorption by the body. This promotes better hydration and quicker recovery from fatigue.

Other Benefits of Alkaline Water include:

1. Cleansing the liver – Alkaline water has been shown to increase levels of antioxidants that protect the liver and help it work more efficiently.
2. Lowering Cholesterol Levels – research has shown that drinking alkaline water can reduce your cholesterol level, while increasing the ratio of good (HDL) cholesterol to bad (LDL) cholesterol.
3. Weight Loss - Alkaline water can help the body rid itself of stored fatty acids. Drinking water naturally suppresses the appetite and helps the body metabolize fat.

What's the difference between a water purifier and water ionizer?

Water purifier is usually a basic device for home use that filters chemicals and impurities. Purifiers are unable to change the pH values, ORP values or the structure of water molecules. A water ionizer uses electrolysis to alter water pH and ORP values and molecular cluster structures of the water. It conditions the water chemistry for the user. The pH value of the output can be selected for different uses; drinking, cooking, washing, healing, etc.

What important features do water ionizers have?

Water Ionizers have the following important features that separate product levels and prices:

1. User interfaces displays: IonTech Ionizers vary from units with simple monochrome LCD

panels and mylar buttons; to more sophisticated touch panel screens showing various unit functions.

2. Number of Electrolysis Plates: IonTech Ionizers may vary with units having 3, 5, 9 or even 11 plates depending on quality and price. More plates means the pH value can be adjusted through a larger range and the ORP value has a higher attainable range.

3. Plate, membrane & filter materials: Different manufactures use different grades of materials for these 3 critical components. IonTech products use Japanese inspected and certified plates and ceramic membranes.

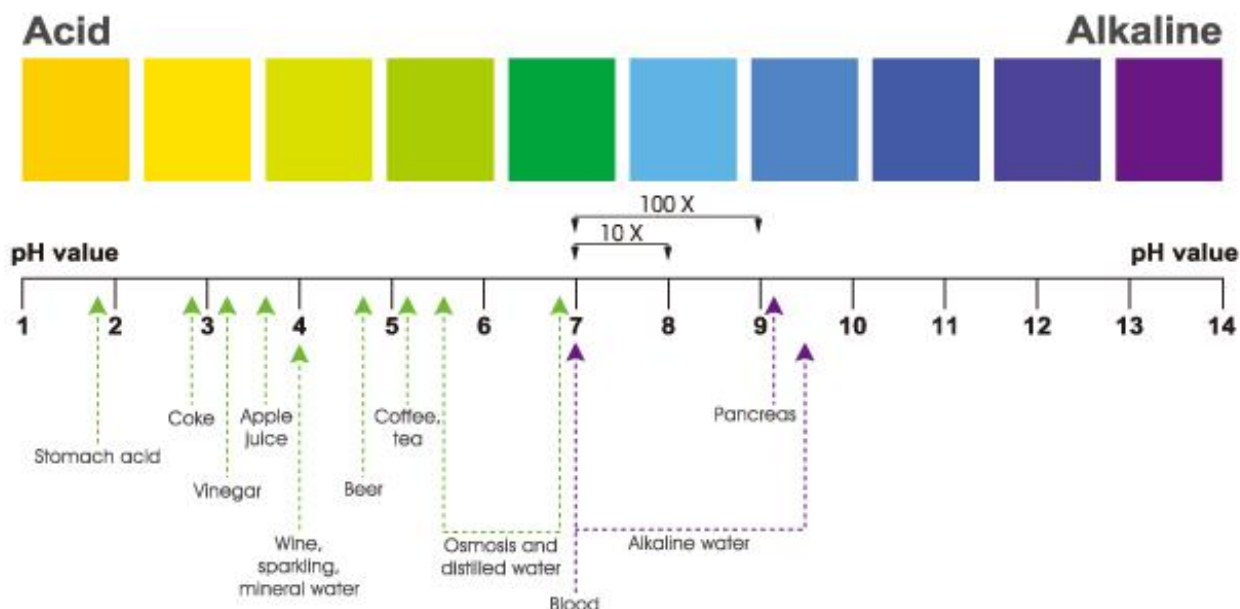
4. System Settings: IonTech Ionizers have various system and user settings that are adjustable from the control panel. These include; electrolysis levels, pH adjustment, cleaning, usage monitors and others.

5. Switching-Mode Power Supply (SMPS), power saving, greater efficiency.

pH and ORP are two very important measurements to assess the chemistry and suitability of drinking water.

pH (Potential Hydrogen)

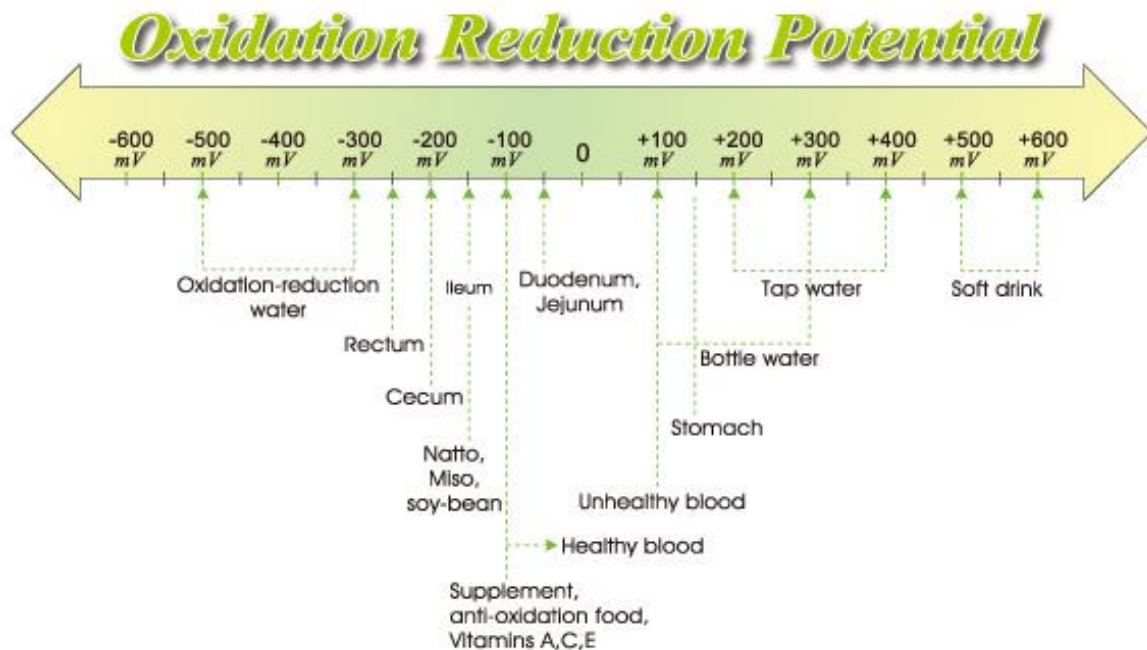
The pH value of an aqueous solution is measured on a scale of 0 to 14 with extreme acidity being 0 and extreme alkaline being 14. pH values represent the hydrogen ion (H^+ and OH^- ions) activity within the solution and reflect the tendency of hydrogen ions within the solution to interact with other components of the solution. Pure (neutral) water contains equal concentrations of H^+ and OH^- ions and has a pH around 7 at 25 °C (77 °F). This pH value varies with temperature. When an acid is dissolved in water, the water will contain a higher concentration of H^+ ions and the pH will decrease to less than 7 (if at 25 °C (77 °F)). When an alkaline is dissolved in water, the water will contain a higher concentration of OH^- ions and the pH will increase to more than 7 (if at 25 °C (77 °F)).



ORP (Oxidation Reduction Potential or Redox Potential)

ORP is a measure of the presence of oxidizing or reducing agents in a solution. During a

reaction between components in a solution, there is a tendency to transfer electrons between the components. The component with a lower (more negative) ORP will have a tendency to lose an electron and is said to be "reduced". The component with a higher (more positive) ORP will have a tendency to gain electrons and is said to be "oxidized". ORP of solution is measured in millivolts (mV) with a specialized electrode meter. The more negative the ORP reading, the greater the substances' tendency to give away electrons and be reduced; the more positive the ORP reading, the greater the substances' tendency to pick up electrons and be oxidized. Ionized water units simultaneously produce water with two levels of ORP, one with a high reduction potential → alkaline water; and one with a high oxidation potential → acidic water.



How is Alkaline (Reduced) & Acidic (Oxidized) Ionized water produced?

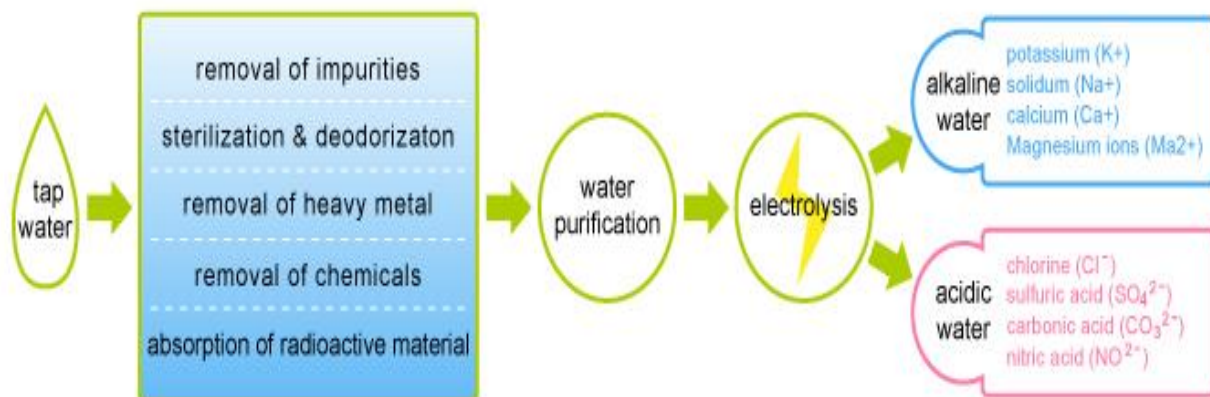
A water ionizer electrolyzes water with direct current voltage (DCV). A special attachment re-directs tap water out of the faucet through a plastic hose into the ionizer unit. Inside, the water is first filtered through activated charcoal.

Each ionizer unit has a specially engineered electrolysis chamber equipped with platinum-coated titanium electrolysis plates. These plates are connected to a negatively(-) charged electrical terminal and a positively(+) charged electrical terminal. The filtered water flows into the chamber and is directed through a ceramic membrane that is positioned between the charged electrolysis plates. As the water flows, an electrical charge is passed through the terminals that electrifies the plates. As it flows, the water is conditioned by the electrical charge from the plates. The conditioned or 'Ionized' water then exits through two ports; (an alkaline port and an acidic port). Cations are attracted to the negatively charged plate to produce cathodic water (reduced water). Anions, negatively charged ions, are attracted to the positively charged plate to produce anodic water (oxidized water).

The (-) cathode attracts minerals such as sodium, magnesium, potassium, calcium and others and the water surrounding the terminal becomes alkaline with an increase in hydrogen ions (H⁺). The anti-cathode terminal attracts ions such as oxygen, sulfuric acid, sulfur and the water surrounding the terminal becomes acidic with an increase in hydroxide ions (OH⁻). The reduced water produced through electrolysis not only contains an excess amount of electrons (e⁻), but the cluster size of the H₂O molecules seems to be reduced in size from about 10 to 13 molecules per cluster to 5 to 6 molecules per cluster. The water

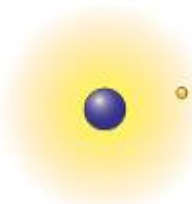
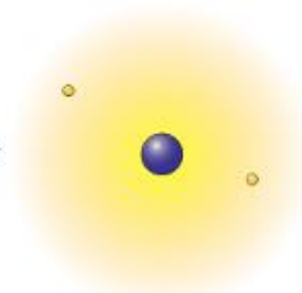
discharged from the alkaline port has a higher pH value and contains minerals, like Calcium and Magnesium, that are in a form that is more suitable for the body to assimilate

Calcium, Potassium, Magnesium and other minerals can normally be found in drinking water. But these minerals are complex, inorganic and very stable. These are not easily assimilated by the body. However, minerals in ionized water are separated into ions with (-)ORP. These ions unite with the acidic residues with positive ions. They act as buffering agents that are easily assimilated and eliminated by our bodies.



Technology Overview

An ion is an atom or molecule in which the total number of electrons is not equal to the total number of protons, giving it a net positive or negative electrical charge.

Legend  proton  electron			
			
No. of protons	1	1	1
No. of electrons	0	1	2
Charge	+1	0	-1
Notation	H ⁺	H	H ⁻
Classification	cation	neutral (not an ion)	anion

A hydrogen atom (center) contains a single proton and a single electron. Removal of the

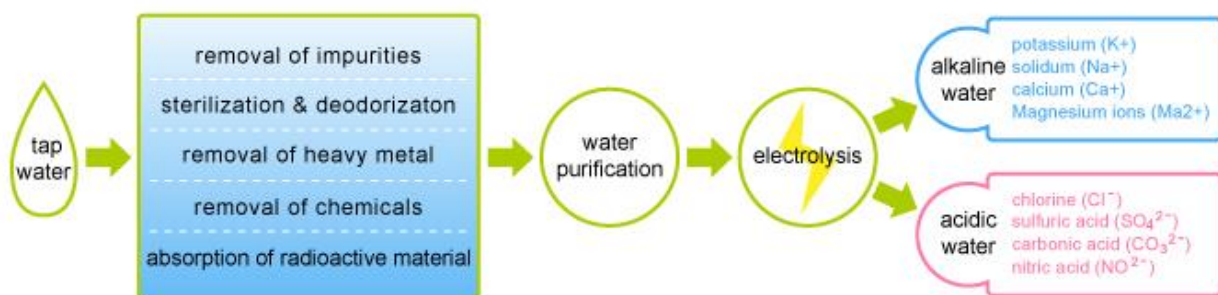
electron gives a cation (positive ion)(left), whereas addition of an electron gives an anion (negative ion) (right). The hydrogen anion, with its loosely held two-electron cloud, has a larger radius than the neutral atom, which in turn is much larger than the bare proton of the cation. Hydrogen forms the only cation that has no electrons, but even cations that (unlike hydrogen) still retain one or more electrons are still smaller than the neutral atoms or molecules from which they are derived.

A water ionizer electrolyzes water with direct current voltage (DCV). Water is re-directed from a faucet through a hose into the ionizer unit. Inside, the water is first filtered through activated charcoal.

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The reduced water produced through electrolysis not only contains an excess amount of electrons (e^-), but the cluster size of the H_2O molecules seems to be reduced in size from about 10 to 13 molecules per cluster to 5 to 6 molecules per cluster. The water discharged from the alkaline port has a higher pH value and contains minerals, like Calcium and Magnesium, that are in a form that is more suitable for the body to assimilate.



The number of plates inside the electrolysis chamber varies between systems. Some systems have 3 plates, others 5 and more are possible. The number of plates affects unit performance. The more plates the unit has, the larger the possible range of pH values and the larger, and more importantly, the more -ORP values possible of the produced water.

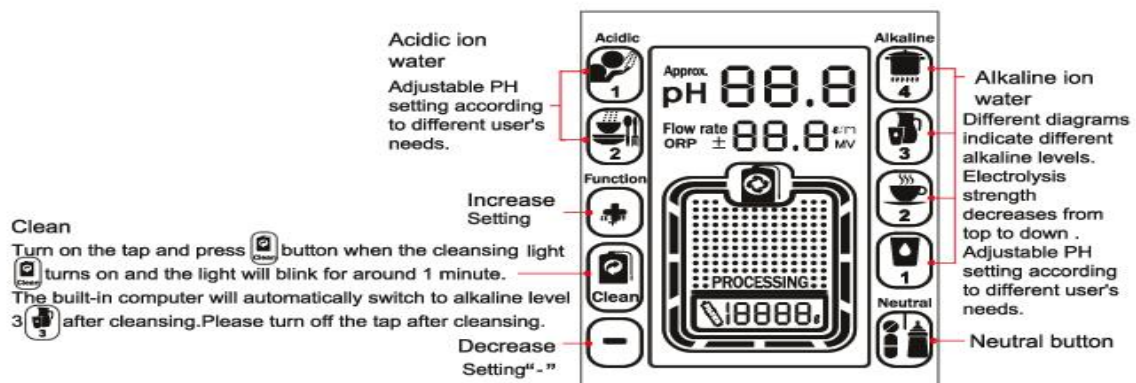
System Features

Iontech has for over 15 years of OEM and ODM expertise, we are accomplished in all areas

of water ionizer design and manufacture. IonTech is capable of offering mould design, mould manufacture, specification design, interior construction, assembly and quality assurance services. Our products are designed to provide years of dependable service while featuring the latest in industry leading options. Some key features of our products are:

- Color LCD displays showing important system settings and functions such as pH, ORP, water flow rate, working status, Alkaline, Pure, Acidity, cleansing and filter service life (Display configuration varies by model)

The screen will turn off after 1 minute of inactivity. (Power-saving feature)



- Selectable pH levels including alkaline, pure and acidic options per required usage
- Automatic cleansing — No-hassle Design
Automatic electrolysis chamber cleansing after each Alkaline water use. Our IC controlled system monitors production volume and automatically cleanses when production reaches defined volumes. Chamber protection: prolongs the service life of electrolysis plates and stabilizes the Oxidation-Reduction potential during the electrolysis process.

Design & Manufacturing

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台北國際發明暨技術交易展
2010 Taipei International Invention Show & Technomart

泓記實業有限公司

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空氣淨化裝置

榮獲 2010 年台北國際發明暨技術交易展-發明競賽
銅牌獎，特頒獎狀以茲表揚

評審委員會主任委員

李嗣諤

2010年10月2日於台北市

This
Bronze Medal Award

is presented to
HOUNG JI INDUSTRY CO., LTD.
in recognition for the invention of
空氣淨化裝置

2010 Taipei International Invention Show & Technomart
Invention Contest

Lichen Lee

Award Committee Chair
October 2, 2010, Taipei City

CEPROM
PRODUCT CERTIFICATION
BODY

CEPROM® S.A.
440237 Satu Mare, Bd. Lucian Blaga 41, Romania
tel. +40.0361.804795; fax +40.0361.804796
www.ceprom.ro; e-mail: ceprom@ceprom.ro

CERTIFICATE OF CONFORMITY
No. 304-CI-32013

Technical File no. 304-CI-32013/HOUNG JI-2013001-A1

Applicant: HOUNG JI INDUSTRY CO., LTD. No.513, Daya Rd., North Dist., Taichung City 40460, Taiwan (R.O.C.)	Manufacturer: HOUNG JI INDUSTRY CO., LTD. No.513, Daya Rd., North Dist., Taichung City 40460, Taiwan (R.O.C.)
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Description of product:

Machine type: **WATER IONIZER**
Models: **IT-330, IT-380, IT-730, IT-388, IT-636, IT-737, IT-588,
IT-589, IT-656, IT-757, IT-530, IT-580, IT-750, IT-788.**

Reference standards: **EN 60335-1:2002+A15:2011**

Based on our assessment we confirm that the Technical File of the product is in accordance with the technical requirements of the above standard and hence fulfils the technical requirements of the

Low Voltage Directive 2006/95/EC

The CE mark as shown joined can be used, under the responsibility of the manufacturer or the importer, after completion of the CE Declaration of Conformity and in accordance with the above directive.

This certificate is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

Maintaining certification is based on compliance with the requirements of certification contract.

Annex: Product identification - 4 pages

Issuing Date: 12.03.2013



EUROPEAN UNION
Satu Mare, Romania

GENERAL MANAGER
eng. Iosif PINK



CEPROM-CERT Manager
eng. Vasile ZELE

Partial reproduction of this certificate is not allowed
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www.eurocert.gr

CERTIFICATE

EUROCERT certifies that the company:

HOUNG JI INDUSTRY CO., LTD.
No. 513, Daya Rd., North Dist., Taichung City 40460, TAIWAN (R.O.C.)

Implements management system that conforms to the requirements of the standard

EN ISO 9001:2008

for the following scope:

PROCESSING, MANUFACTURE AND SALES OF DRINKING WATER SYSTEM.

Certificate Number: **114TWQS**

Issue Date: 20/06/2012
Current Certification Date: 29/06/2016
This Certificate is valid till: 23/06/2017

For the Certification Body
GEORGE N. SIFONIOS
Director of Development



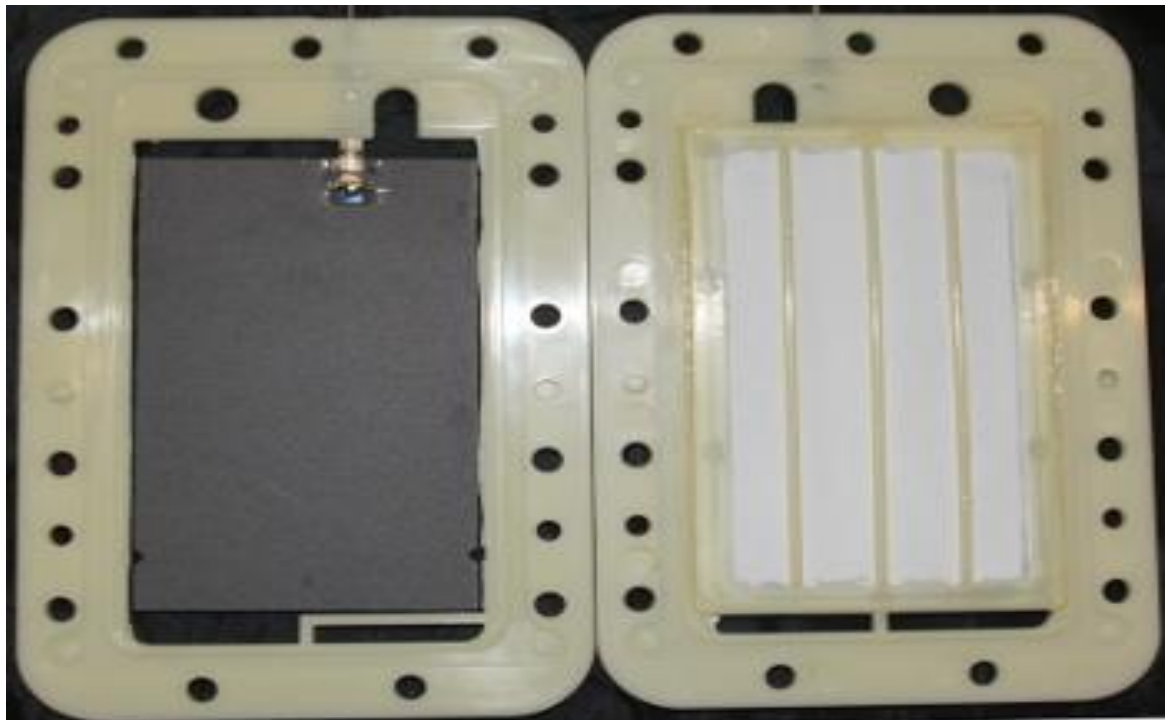
The validity of this certificate is subject to annual surveillance.
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Loss of fulfillment of the conditions set out in the contract No. TW-CE-00008 may render this certificate invalid.



MS Certification
Cert. No.: 3-3

89, Chios & Lykavitsos str., 14052 Metamorfosi - Greece
T +30 210 62 52 495, 30 210 62 53 927 F +30 210 62 03 018 www.eurocert.gr
#011-00001-00-04

Key system components such as electrolysis chambers, housings, etc. are designed, engineered in-house and are 100% IonTech IP.



Materials

Iontech manufactures using top quality components. We purchase from industry leaders and all inputs and assemblies are rigorously inspected before production.

TOP QUALITY IC COMPONENTS	Platinum-titanium plate; manufactured by KOBE Steel, Japan High efficiency, temperature resistant, non-toxic ceramic ion membrane manufactured by Yusan, Japan	Activated carbon fiber (ACF), manufactured by Pentair, Industry leading USA manufacturing technique complies with the highest drinking water standards. Higher absorption efficiency than coconut-shell granular carbon, is able to absorb very fine impurities, chemicals, such as chlorine, agriculture pesticides, etc
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Advantages

IonTech is focused on R&D innovation and mass production efficiency. Our R&D aims to satisfy customer needs and develop environmentally friendly products. We continue to improve the usefulness and reliability of our products and advance the suitability Alkaline water for human consumption.

IONTECH IS A MEMBER OF THE WATER QUALITY ASSOCIATION

What are household uses for ionized water?

Ionized water has several household uses. Alkaline water can be used for drinking, cooking, washing food (removes oil and dirt) and cleaning. Acidic water can be used for washing food (removes chemicals), washing, bathing, and as an antiseptic.

Reduced Water: Alkaline

1. Drinking - Alkaline water after exercise is more effective at replenishing the body's electrolyte balance than other waters because of its smaller water molecular cluster. It is more easily absorbed by the body. It also helps combat fatigue and promotes recuperation. ½ a glass an hour before bedtime also is said to improve sleep.

2. Cooking - Alkaline water allows rice and other grains to absorb water more easily. Food cooks faster because of the smaller water molecules in ionized water. Alkaline water also enhances natural taste.

3. Mixing Beverages - Tea, Coffee and others - Alkaline water adds flavor and brings out the best in beverages. Beverages taste smoother and don't have an acidic taste or tang.

4. Washing Vegetables - Alkaline water helps you get the maximum taste and flavor from raw vegetables in salads, etc. It removes some of the bitter tastes that some acidic vegetables have.

Oxidized Water: Acidic

Oxidized water with its redox potential of +700 to +800 mV is an oxidizing agent that can withdraw electrons from bacteria and kill them.

1. Skin care - Acidic water is very effective astringent that for skin and hair. External use can bring back the smoothness to skin and sheen to hair.
2. Flowers - Stay fresh longer when soaked placed in diluted acidic water (1:2).
3. Disinfecting and sterilizing - Acidic water kills many types of bacteria. Use it for brushing teeth, removing plaque and fighting gum disease and sore throat. It also helps remove some external fungus and relieves itching.
4. Cleaning - Acidic water sterilizes work surfaces, cups and dishes.
5. Treat athlete's foot, minor burns, insect bites, scratches, etc.
6. Healing - Hyperoxidized water has proven effective in Japanese hospitals in the treatment of bedsores and operative wounds with complicated infections.

Does the quality of ionized water decrease over time?

To get the full effect of Ionized Water, it should be consumed fresh right out of the ionizer. We recommend use within 18 hours of electrolysis. Water directly from the ionizer is loaded with hydroxyl ions will have thousands of tiny bubbles in it. These ions (shown by -ORP) provide the antioxidant benefits from drinking ionized water. Research has found that the newly ionized water is more powerful than refrigerated or stored ionized water. ORP values are more negative and the molecular cluster structure of the water is optimal if consumed fresh. The ionized water's ability to remove free radicals also diminishes with time. While the freshness and effects of ionized water may decrease over time, it is still beneficial for human health.

Is ground water suitable for ionization?

We do not generally recommend the use of unprocessed ground water with an ionizer drinking water system. Ground water is not tested nor treated by city or municipal water works. Heavy metal or chemical contamination is often possible. We recommend ground water be treated before it is suitable for water ionizers.

Is soft water or hard water more beneficial for the human body?

The hardness of water depends on the density of calcium and magnesium salts contained in it. Water is considered hard if the amount of minerals is over 150mg per liter of water; middle hard water is 70~150mg, and under 75mg is considered soft. Slightly harder water contains natural calcium and magnesium. The activated calcium and magnesium in ionized water has been shown to be are beneficial to general health. In the right amounts these ions give the cells of our blood vessels special protection.

Is bottled water optimal for health?

Most bottled water is either pure, distilled water or mineral / spring water. To prevent bacterial growth and promote sanitary packaging, some manufacturers use chlorine dioxide (ClO₂) in bottles as a sterilant. This gives the water slightly a acidic pH value. As discussed above, regular consumption of alkaline water promotes better, long-term health.



WATER IONIZER PRODUCT DISCREPTION

	• 7 COLOR LCD DISPLAY WITH SOFT BUTTON CONTROL PANEL • 7 SELECTABLE LEVELS OF WATER PH VALUES • 4 ALKALINE LEVELS, 1 PURE LEVEL AND 2 ACIDIC LEVELS • PH, ORP, FLOW RATE AND FILTER LIFE DISPLAY • PLATINUM-TITANIUM ELECTROLYSIS PLATE & ION MEMBRANE MANUFACTURED IN JAPAN • ACTIVE CARBON FIBER MANUFACTURED IN USA
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General User pH Instruction Tables for Iontech Water Ionizers

Alkaline Water	
 Foods Disinfection & Dishes Cleaning	pH9.0~pH11.0 - Alaline 4 (Strong Alkaline) Food preparation : Clean vegetables and fish. Enhance the flavor of broccoli, onions, bamboo etc. Cleaning Clean cutting boards and dishcloths. Good for cleaning oil and tough grime from vents, as well as for general cleaning in the kitchen. Stain Removal the extra strength will remove coffee, soy sauce and oil stains. Also great for getting out stubborn toilet bowl stains.

	Dishes Use less detergent when washing your dishes. Save on water bills, as only one-third to one-fourth of the usual amount of water is adequate for rinsing of detergent. Cleaning:- Good for cleaning tough oil stain on dishes.
 Daily Drinking	pH8.5~pH10-Alkaline 3 Drinking Drink 2-3 cups of water first thing in the morning. Compared to tap water, Iontech water has no unpleasant odor, tastes lighter, and has a pleasantly sweet flavor. It is important to include vegetables in your diet, when eating substantial amounts of acidic foods such as egg yolk, white rice, chicken, pork and beef, drinking alkaline Iontech water is equally important because it balances the acidic and alkaline effects of these foods. Health Improve conditions for upset stomach, constipation, diarrhea, and gout
 Cooking & Drinking	pH8.0~pH9.0-Alkaline 2 This type of water is perfect for drinking and healthy cooking. It works to restore your body to a more alkaline state, which optimizes health. Food preparation Use Iontech water to remove harsh taste of onions, bamboo shoots or the like. Leave liver and other meats which have a bad odor to soak in Iontech water for 20-30 minutes to reduce strong smells. Rice Use it for washing and cooking, the result is delicious and fluffy rice. Coffee and tea For which taste and aroma are everything, you

will be surprised at the improved color, taste, and aroma. And you can use less coffee or tea and still achieve a full rich taste due to the water's extractable ability.

Soups and stews Iontech water draws out the flavor of ingredients so they get tender and juicy. Therefore, less seasoning such as salt and soy sauce are needed, so this water is good for people that want to reduce their salt intake.

Plants

Use to water plants and flowers. Iontech water for the freshness and life of plants.

Crafts

Excellent for dyeing cloths, as well as other craft projects. You will love the vibrant colors obtained when using this water.

Hydration Iontech water gives you optimal hydration. Staying hydrated is crucial to living a healthy and well-balanced life.

Minerals Iontech water contains the minerals calcium, sodium, potassium, and magnesium. Unlike reverse osmosis, which strips away even helpful minerals, these are not filtered out of Iontech Water ®!

Soups:-

Good for making soups, and help for maintaining their nutrients and color.

soaking Fruits and Vegetables:-

Effectively reduce pesticides on fruits and vegetables.

Soaking beef, pork, and fresh fish to remove fishy taste and revert foods' natural flavors.



Initial Drinking

pH7.5~pH8.5-Alkaline 1

Drink:-

For people just beginning to drink Alkaline water.

Balancing:-

Balancing internal pH, improve the assimilation of Calcium and other minerals.

Purified Water



Purified Water

pH7.0-Purified water

- No color, no taste, no impurity.
- Suitable for taking medicine, making milk and for baby's diet.

Purification:-

- Remove chlorine, rust and cloudiness to create delicious
- drinking water. The three-layered, high-powered water cleaning filter removes not only chlorine, but also matters such as rust and impurities. You will obtain delicious clean water that contains minerals.
- Medication
- It's a good idea to use this water when taking medication.
- Baby food
- Suitable for taking medicine, making milk and for baby's diet

Acidic Water



Facial & Skin

- pH5.0~pH6.5-Acidic 1
- Not suitable for drinking
- Teeth
- Minimize the appearance of pores, and good for brushing teeth.
- Face wash
- The astringent properties of acidic water are effective in toning and firming your skin. Pat the skin and leave to dry. Also excellent as a toner after shaving.

Cleaning	• Hair care • Use instead of rinse after shampooing. Reduces annoying tangles and brings out a radiant shine. • Bath water • Add Acidic water to your bath to keep your tub free of bathtub rings. Bathing in this water warms the body and keeps skin beautiful. • Ideal for sensitive skin and infants, sunburn relieve. • Pet care • Great for grooming your pet, brush with it to obtain soft and shiny fur.
Sterilization & Disinfection	• pH4.0~pH5.5-Acidic 2 • Not suitable for drinking • Dishes • When washing dishes and glasses in this water, they will come out sparkling clean. • Polishing • Polish mirrors, eyeglasses, glass objects and windows to a high sheen. • Housecleaning • Anti-bacterial Remove dirt from hardwood floors, ceramic tiles etc., without leaving a sticky residue. • Stains • To remove stains, grime and grease, leave to soak in water for 24 hours. • Washing • vegetables and fruitVibrant colors of strawberries, red cabbage, asparagus and eggplants will not change when washed and prepared with this water. • Fried food • Fried food comes out nice and crispy when the batter is made with Acidic water. • Frozen food • Spray foods with Acidic water when freezing so that the food, including fish and shrimp, do not lose their flavor when thawed out.

The above pH levels may differ depending on tap water quality

General User pH Instruction Tables for Water Ionizers

				Foods Reference
Alkaline water		Foods disinfection & dishes cleaning	pH9.0~pH11.0 - Alkaline 4 (strong alkaline) • Soaking vegetables, beef, pork, and fresh fish to remove fishy taste and revert foods' natural flavors. • Good for making soups, and help for maintaining their nutrients and color • Effectively reduce pesticides on fruits and vegetables • Good for cleaning tough oil stain on dishes	Ginger, Grapes, Kelps, Seaweeds
		Daily drinking	pH 8.5~10 - Alkaline 3 • Suitable for daily drinking and improving your overall health. • Improve conditions for upset stomach, constipation, diarrhea, and gout	Mushrooms, Soy beans, Spinach
		Cooking & drinking	pH 8.0~pH 9.0 - Alkaline 2 • Good for cooking rice, preserves its natural flavor longer. • After initial period, this level is suitable for daily drinking. • Good for making tea or coffee, reduce bitterness and give better taste.	Banana, Carrot, Chestnut, Lettuce, Red beans
		Initial drinking	pH 7.5~pH 8.5 - Alkaline 1 • For people just beginning to drink Alkaline water. • Balancing internal pH, improve the assimilation of Calcium and other minerals.	Apple, Cabbage, Eggplant, Onion, Tea
Purified water		Purified water	pH 7.0 - Purified water • No color, no taste, no impurity. • Suitable for taking medicine, making milk and for baby's diet.	Asparagus, Bread, Milk, Miso, Tofu
Acidic water		Facial & skin cleaning	pH 5.0~pH 6.5 - Acidic 1 • Not suitable for drinking • Close to the skin pH value, it has an astringent effect when face cleaning. • Ideal for bathing sensitive skin and infants, sunburn relieve • Minimize the appearance of pores, and good for brushing teeth • Restores shine to hair and as a natural after shave	Beef, Beer, Clam, Rice, Octopus
		Sterilization & disinfection	pH 4.0~pH 5.5 - Acidic 2 • Not suitable for drinking • Anti-bacterial for tableware and floor cleaning. • Eliminates the residual agricultural chemicals on fruits and vegetables when soaking them in acidic water.	Cheese, Egg yolk, Oats, Squid

※The above pH levels may differ depending on tap water quality