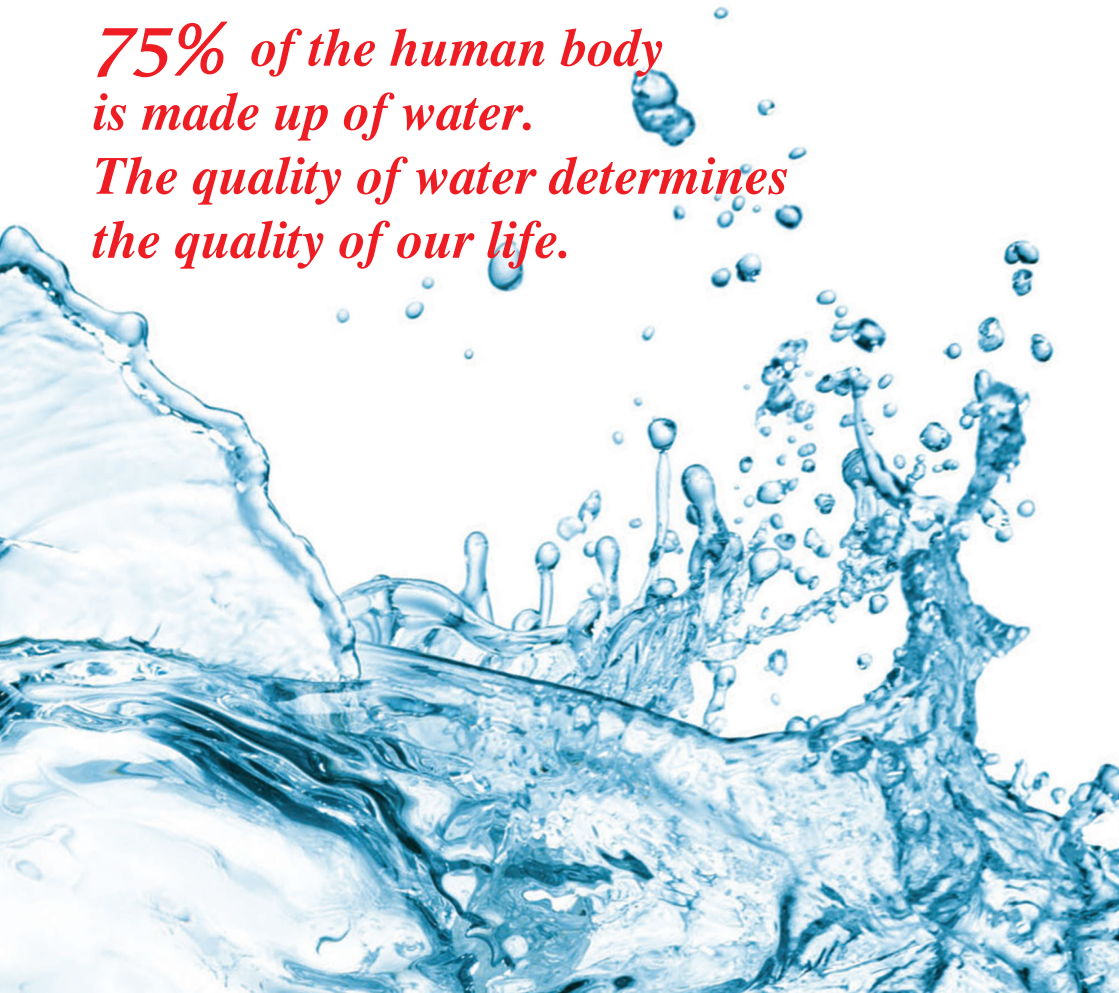


ideas for health

Ai-WATER

PURIFIED . ALKALINE . IONIZED

*75% of the human body
is made up of water.
The quality of water determines
the quality of our life.*



Development of Alkaline Ionized Water in Japan

- 1931 , Japan discovered the first alkaline ionized water machine
- 1960 , Japan started to conduct clinical researches on alkaline ionized water
- 1966 , Approved as a health improvement medical device by Health and Rehabilitation Ministry of Japan
- 1979 , Continuous researches on alkaline ionized water drew attention from the general public
- 1993 , The Association of Alkaline Ionized Water Apparatus has been requested by the Ministry of Health, Japan to be involved in up-to-date scientific verification of the functional effectiveness and safety of alkaline ionized water
- 1994 , Alkaline ionized water machine entered China
- 1994 , The Functional Water Foundation confirmed the safety of long term consumption of alkaline ionized water
- 1999 , Seven long years of clinical testing (including double-blind tests) confirmed the functions of alkaline ionized water
- 2005 , Japan implemented the alkaline ionized water machine JIS-T200 standard requirement
- 2007 , China implemented the alkaline ionized water machine standard requirement
- 2011 , First unit of Ai Water alkaline ionized water machine obtained FDA approval of American



Alkaline Ionized Water in Japan



Alkaline ionized water testing



Using alkaline ionized water on chronic diseases patients by Kitano Hospital, Osaka

Health and Rehabilitation Ministry of Japan Recognized The Functions of Alkaline Ionized Water

- Alkaline Water: Abnormal gastrointestinal fermentation, chronic diarrhea, indigestion, excessive stomach acid
- Acidic Water: Astringents, removal of cosmetics, sterilization and washing

Kyowa Hospital, Japan Medical Reports

- Improve long term constipation
- Decreased uric acid level in gout patients

Sources:
Website of The Functional Water
Foundation, Japan (www.3aaa.gr.jp.)



QUALITIES OF GOOD WATER

Bama in Guangxi, Hetian in Xinjiang Province, Caucasus in Russia, and Hunza in Pakistan are the places of longevity around the world. The people there have a reputation for extremely long and healthy lives. What is their secret? Not only their diet are different, they live in different landscapes and have different temperatures. These areas have something in common: there are good water and clean air. World Health Organization made a study into these areas and discovered that the mountain spring water in these areas has the following qualities:



Pure and unpolluted, contain no organic nor heavy metal contamination



$\text{PH} > 7$; slightly alkalinity, can neutralize the surplus acid in our body



Micro-clustering, strong penetrability and solubility



Low level of ORP, less than 100 mV, can eliminate the free radicals in our body

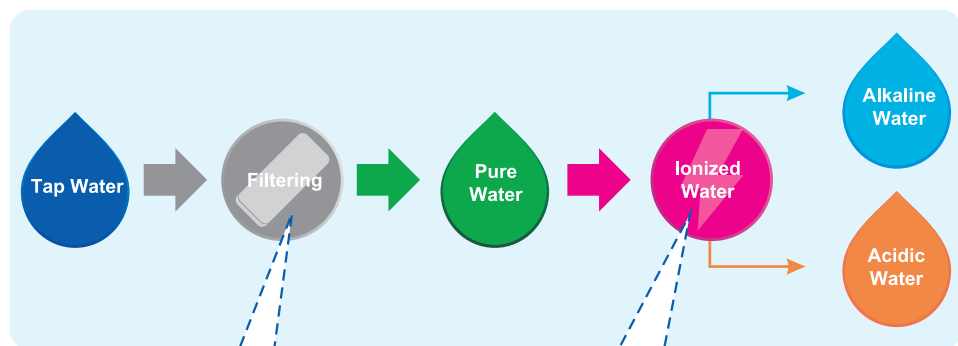


Rich in minerals and are ionizedro-clustering, full of molecular activity



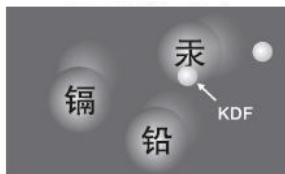
Contain benefitting oxygen

Ionized alkaline water contains all these qualities!

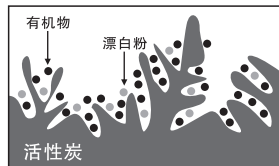


Purifying

Heavy metal removal filter



Coconut shell activated carbon



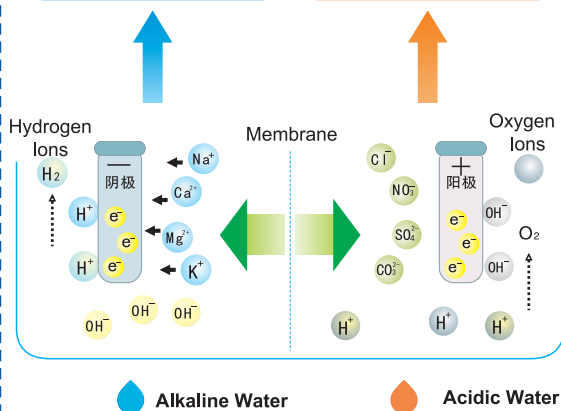
Double Germ Removal Ultra-filter



Ionizing

Alkaline Water
Slight alkaline, micro-clustered, negative ORP, full of ionized minerals, drink directly for better health

Acidic Water
Full of ionized acidic ions, oxygen ions, high dissolving capacity, suitable for cleaning and removal of cosmetics



Passing through the ionizer, tap water is separated into alkaline on the negative side and acidic on the positive side. Alkaline ionized water contains life hydrogen (can be shown by the negative ORP), micro-clustered, slight alkaline which make it suitable for drinking. Acidic ionized water can kill germs and is suitable for external cosmetic usage.

Ai-WATER

PURIFIED . ALKALINE . IONIZED

Core components: highest quality electroplate and membrane, long lasting, strong electrolytic capacity

5 electroplates, large electrolytic area

High grade UV paint

3.8-inch LCD screen displays operating mode, total volume ionized, water flow rate, change filter indicator

4 settings for alkaline water into drinking, tea making, cooking

2 settings for acidic water into cosmetic and washing

Voice prompt

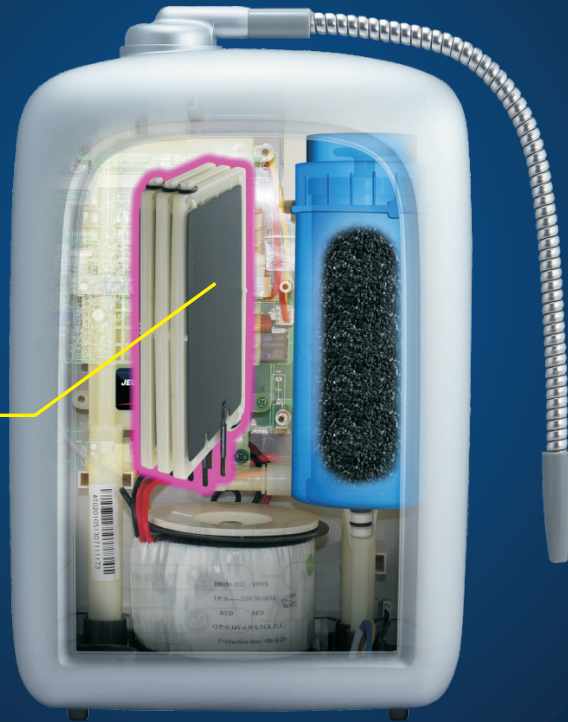


Model	: A526
Capacity	: 160W
Size	: 210x120x330mm
Electroplate	: Titanium Platinum Coated
Number of plates	: 5
Alkaline level	: 4
Acidic level	: 2
Output water flow rate:	1-3 L/min
Output pH range	: 3.0-10.0

DISTINCT UNIQUENESS

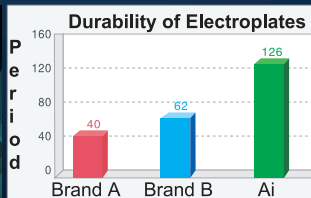
Safe and Strong, Ai Water Electroplate
World's first approved by FDA of America
Electrolysis Lifespan of 8,000 hours

High Quality
Electroplates



Ai Water Platinum Alloy Electroplates

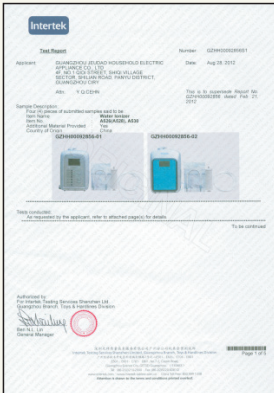
Water ionizer using the strongest corrosion-resistant titanium TA1 as substrate, sintered with platinum titanium coating. It shows the longest lasting in tests



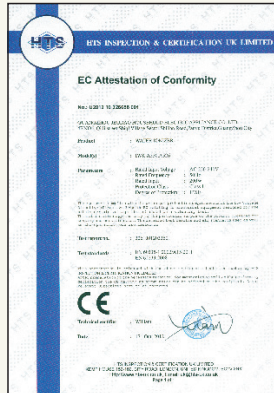
Japan Imported Membrane

Ai Water select Japan imported ionizer membrane which gives stable alkalinity and acidity. It is long lasting with over 10 years of immersion

Certifications & Recognitions



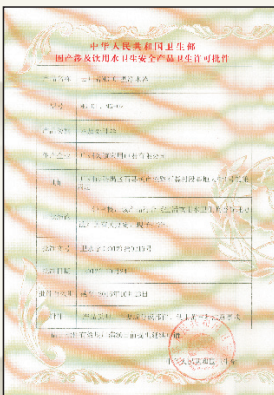
美国FDA食品安全检测
Approval of Food and Drug
Administration (FDA) of American



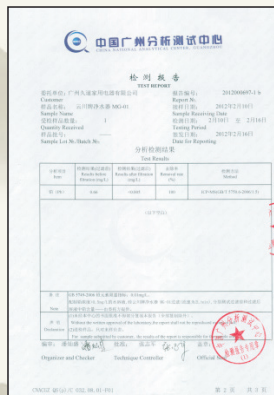
欧盟CE电气安全认证
European CE Electrical Safety
Certification



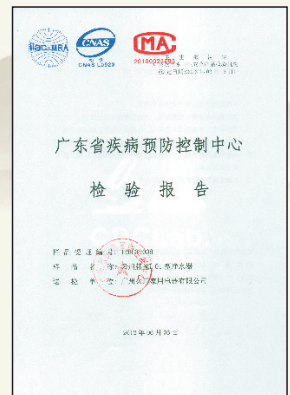
欧盟RoHS环保认证
European RoHS Environmental
Certification



国家卫生涉水许可批件
Approval By Ministry Of Health



除重金属报告
Report For Removal Of
Heavy Metal



广东疾控中心报告
Reecognition Report By
Disease Controlled Centre Of
Guangzhou, China

What is electrolyze water?

Ai-Water Not just purified water



Cooking (Alkaline IV)

pH 9.5 – 10.0, use for cooking, washing fruits and vegetables. Suitable for easing problems with high uric acid, constipation, after drinking alcohol, strenuous exercise, and working long hours overnight.



Tea Making (Alkaline III)

pH 9.0-9.5, for making tea and mixing with wine



Daily Drinking (Alkaline II)

pH 8.0-9.0, for normal use to neutralize body acidity, and to maintain slight alkaline body condition



Initial Drinking

pH 7.5-8.0, for baby and initial drinking



Purified Water

pH 7.0, suitable for using to take medication, making milk



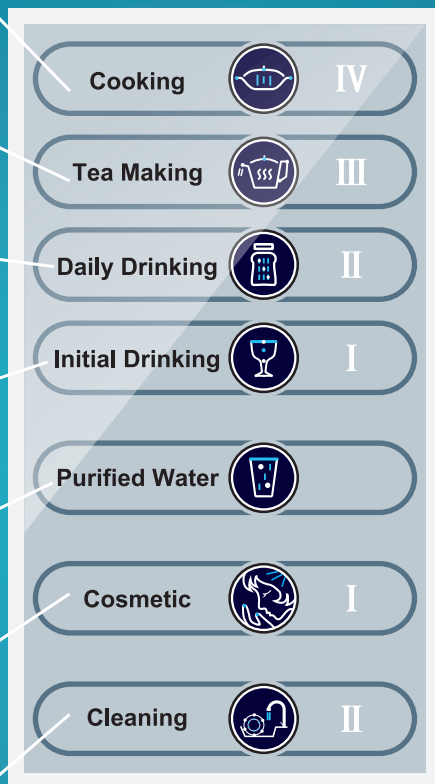
Cosmetic

pH 6.0-6.5, for washing face and removal of cosmetics



Cleaning

pH 5.0-6.0, suitable for leg soaking, dish washing, and general washing of towels, socks, etc. for disinfection





Benefits of Alkaline Ionized Water

Negative ORP, Antioxidant

After passing through the ionizer machine, it becomes negative ORP. Having negative ORP means it possesses anti-oxidant properties and is recognized by Japan and Taiwan scientists as “the ideal anti-oxidant of the 21st Century”.



ORP Test

Water either has a positive or negative ORP, which either oxidizes you (aging) or anti-oxidizes you (anti-aging) you. ORP stands for Oxidation Reduction Potential.

A positive ORP increases oxidation. When water has been ionized, it contains a negative charge (-ORP), it is oxygen rich, alkaline, and is anti-oxidant. The lower the ORP, the higher the level of anti-oxidant.



Iodine Test

Pure Water:

Add 8 drops of iodine solution and water will show the yellowish colour of iodine, showing that it does not possess anti-oxidant ability.

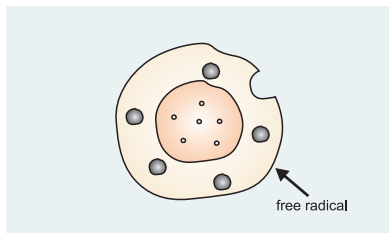
Pure Water + Vitamin C:

Add 8 drops of iodine solution and water will show the yellowish colour of iodine. Add in Vitamin C powder and stir. Water will change to colourless to show the anti-oxidant ability of Vitamin C.

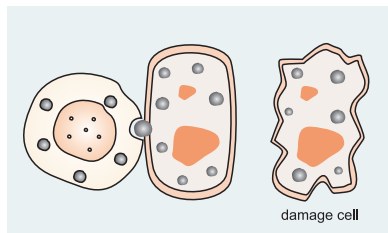
Alkaline Ionized Water:

Add 8 drops of iodine solution and alkaline ionized water will remain colourless. Alkaline ionized water possesses anti-oxidant ability as Vitamin C does.

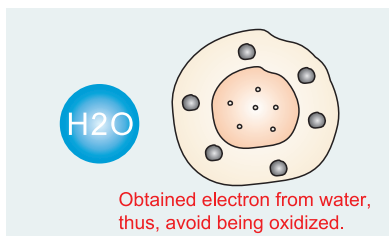
■ Anti-oxidant Ability of Alkaline Ionized Water



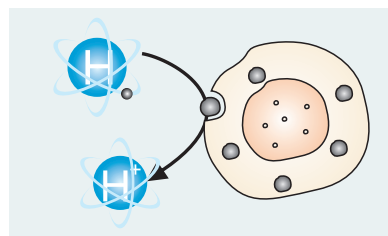
A free radical is an ion with an odd (unpaired) number of electron.



The free radical will snatch an electron from a neighbouring normal cell, causing it to be damaged.



Alkaline ionized water provides the required electron, thus, preventing the damage of normal body cell.



Alkaline ionized water possesses a negative ORP, thus, has many spare electrons.

Sources:

《电解水与健康》

■ 作者简介：

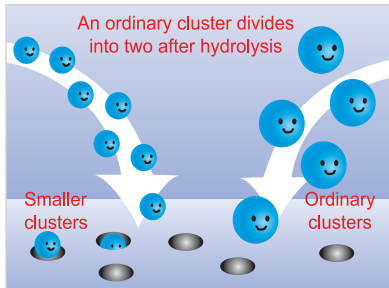
吕峰洲教授，专攻物理生化学、酵素学、自由基医学与生物学、环境毒物学；发表学术性论文167篇，专著数本，其中以【人体全血中自由基之检查法】，以及【电解水之功能】和【抗氧化剂】、【番茄与防癌】最受瞩目。

■ 经典语录：

21世纪医学最重要的任务是战胜超量自由基，防治疾病和老化。目前去除自由基的方法有二：其一是药剂；其二就是食品。但在此次实践中，发现了更有效去除自由基之利器，它就是电解还原水，它既简单又廉价，谁都可以利用，我想这就是医学的革命，开启新时代的一种转机。



Benefits of Alkaline Ionized Water: Micro-Clustering



Regular water cluster is about 13-14 molecules which limit absorption by the body. Alkaline ionized water divides the cluster into two, thus, changing the molecule size to 6-7. Micro-clusters allow greater penetration and easier absorption by the body, enable greater cell activity and improve metabolism.

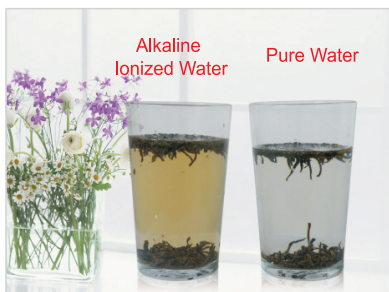
Boiling water also possesses smaller clusters (boiling divides the cluster into two), thus, tea making requires hot water. This is why doctors suggest to drink hot water when having flu or cold as hot water contains smaller water clusters. This enhances detoxification.



Oil Emulsify Test

Pure water contains larger clusters, thus, having weaker penetration. Oil and water does not mix as a result.

Alkaline ionized water contains micro-clusters, thus, greater penetration and molecular active. As a result, it emulsifies oil.



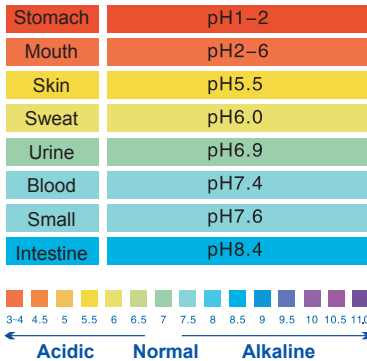
Tea Making Test

With the larger clusters, pure water has weak penetration. Thus, it is unable to penetrate the tea and extracts its flavour.



















With the micro-clusters, alkaline ionized water has stronger penetration and more molecular activity. Thus, cold alkaline ionized water can draw out the tea flavour.

Benefits of Alkaline Ionized Water: Weak alkaline

Human body is acidic externally and alkaline internally. The body maintains its blood supply in a slight alkaline condition of a range of 7.35 – 7.45 pH. Environmental pollution and our modern lifestyles with high meat and fast food, smoking, insufficient sleep, et cetera, have caused the body becoming more and more acidic. Regular consumption of alkaline ionized water can regulate the body back to its slight alkaline condition.



Acidic Food, Alkaline Food

Strong	Acidic Food	Weak	Weak	Alkaline Food	Strong
Coca-Cola, Egg Yolk, Beers, Seafood	Ham, Bread, Pork, Beef, Chicken Meat, Cream	Rice, Peanuts, Chocolate, Fast Food	Red Beans, Apples, Onions, Tofu, Cherries, Bananas	Carrots, Tomatoes, Egg White, Lemons, Coconut, Celery	Grapes, Wine, Tea Patatoes
					
					
					

Ai Water Ionizer

濾材好 口感好

电解水机指定 Ai WATER 品牌净水器

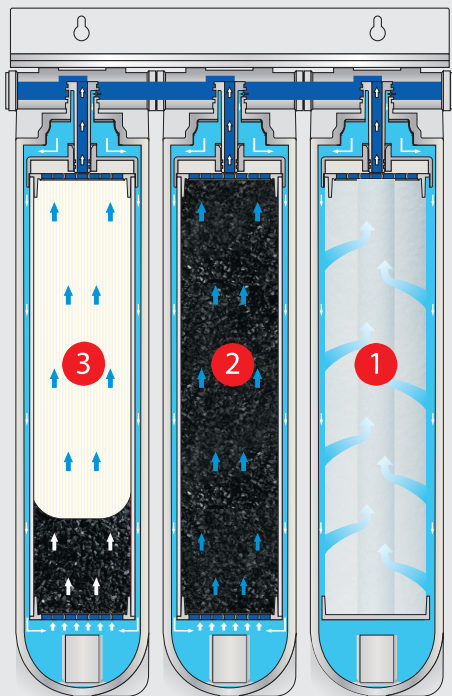
Appointed water filtration system



Model : MG-01 Ionizer

Total Volume : 8000L

- Uses 0.01micron polysulfone ultra-filter which removes dust, rust, algae, colloid, bacteria, viruses and other harmful substances
- Europe coconut shell activated carbon which absorbs chlorine, odour, and volatile organic compounds
- SUBM heavy metal removal carbon rod which removes heavy metals such as lead, mercury and cadmium



Double Germ
Ultra-Filter

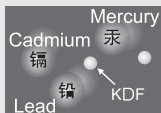
Coconut Shell
Activated Carbon

Heavy Metal
Carbon Rod

1: SUBM heavy metal removal carbon rod
Tap water enters here and remove heavy metals

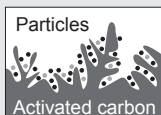
2: Europe activated carbon for dechlorination, antibacterial, self-purification, and to protect ultra-filtration membrane, and prevent secondary pollution.

3: Third generation ultra-filtration which is stable and strong in alkalinity and acidity. Bottom consists of Europe anti-silver imported activated carbon which ensures the best elimination of germs.



Heavy Metal Technology

1. 3 steps test to remove heavy metals in the country
2. Maintain the minerals



Europe Natural Coconut Shell Activated Carbon

1. Superior activated carbon
2. Approval of NSF and FDA



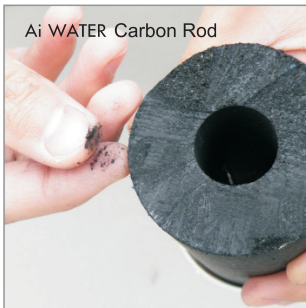
Double Germ Eliminator Ultra-Filter

1. Medically used polysulfone
2. 0.01 micron size, remove 99.99% of chlorine, heavy metals, microorganisms and bacteria

Heavy Metal Removal Carbon Rod



Ai WATER Carbon Rod



Other Brand Rod

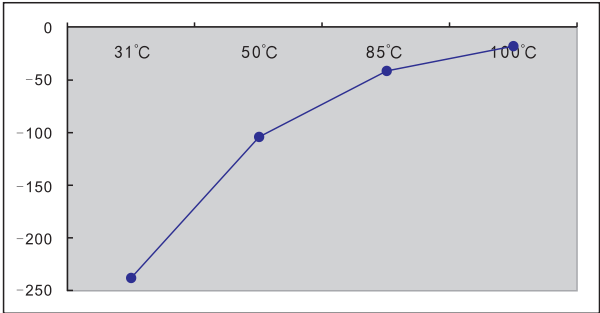


How To Consume Alkaline Ionized Water



As alkaline ionized water has high molecular activity, it is suggested to drink it normally without boiling to maintain its molecular activity. The water can be warmed during colder days. The filtration system before the ionizer machine ensures the removal of organic waste product, heavy metal, micro-organisms, etc. This water is safe to drink directly.

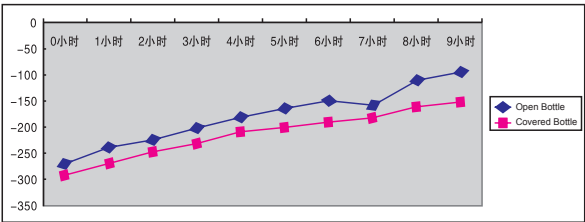
ORP and Temperature



As can be seen above, with the increase of temperature, the ORP increases, thus, its anti-oxidant benefit decreases.

Best to Consume Fresh from the Machine

ORP and Time Interval



As can be seen as above, the longer the time of keeping the water, the ORP increases. Thus, it is suggested to drink fresh from the machine. Keep only in covered rubber or glass bottle.

Regular Drinking:

Drink at least 2 litre of alkaline ionized water daily.

Take a glass upon rising to hydrate the body and to promote peristalsis movement of the intestine; take a glass half-an-hour before bed to prevent the blood from thickening; take water normally at other time.

Practice drinking alkaline ionized water regularly; do not wait until thirsty. Drink more to detox more.

Initial Drinking:

When beginning to consume alkaline ionized water, start with Initial Drinking (Alkaline I Button), and proceed to Drinking Water (Alkaline II Button) after two weeks.

Children consume Initial Drinking (Alkaline I Button).

For improving illnesses, proceed to Cooking (Alkaline IV Button) gradually.

Long Term:

Drinking alkaline ionized water should become a long term habit, especially for modern diseases. Not only drink for long term, but drink more.

Some People Are **Not** Encouraged To Consume Excessive Alkaline Ionized Water:

When taking medication, particularly, 30 minutes before and after. (A lot of medication drugs are acidic, thus, may reduce their functions).

Please seek medical advice for the following:

1. Those suffering from atrophic gastritis
2. Heart patients who are taking digitalis agent
3. Kidney failure patients who are taking diuretics

How To Consume Alkaline Ionized Water



How To Consume Alkaline Ionized Water

Drinking Method

■ After Drinking Alcohol

Drink lots of Cooking (Alkaline IV Button) of alkaline ionized water. It helps to neutralize the alcohol and detox out of the body. Reduces hang-over.

■ After Heavy Meal

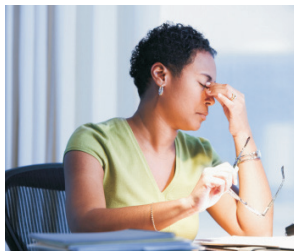
Drink Cooking (Alkaline IV Button) of alkaline ionized water 30 minutes later to promote digestion.

■ After Spending Late-Night

Drink Cooking (Alkaline IV Button) of alkaline ionized water to reduce the acidity produced.

■ After Strenuous Exercises

During and after exercising, drink Cooking (Alkaline IV Button) of alkaline ionized water to replace lost minerals and neutralize acidity produced by eliminating uric acid. This prevents body ache after exercising.



Time Table for Drinking

Glass No. 1: 6.30 (Detox and Beauty)



After a night sleep, the body starts to lack water. Drink 300 ml. of water with empty stomach upon rising helps the liver and kidney to detox. Helps to promote peristalsis movements.

Glass No. 5: 15.00 (Reinvigorate and Refresh)



Substitute your tea break with a refreshing drink of alkaline ionized water. Drinking coffee or tea does not provide water to the body. Instead, it takes away water. Alkaline ionized water will regulate the body back to alkalinity, thus, reinvigorating and refreshing.

Glass No. 2: 9.00 (Quench thirst and Hydrate)



The period from home to the office is always rushing and tension starts to surmount. The body starts to show signs of dehydration. Take 300 ml. upon reaching office.

Glass No. 6: 18>00 (Sliming and Healthy)



Take a glass before leaving the office will enhance the satiety feeling, thus, will reduce the urge to eat excessively.

Glass No. 3: 11.00 (De-stress and Relax)



After the initial working hours, we should move a bit. Take the third glass to replace lost water. This will help to relax the body.

Glass No. 7: 19.30 (Digestion and Absorption)



Rest a while after dinner with a glass of alkaline ionized water. This will enhance digestion and absorption.

Glass No. 4: 12.50 (Digestion and Relax)



30 minutes after lunch, take a glass to improve digestion.

Glass No. 8: 22.00 (Hydrate and Promote Health)



30 or 60 minutes before sleeping, take a glass of alkaline ionized water to provide the body with water through the night. You have consumed 2,000 ml of water for the day. Do not drink too much so as to avoid waking up to go to toilet which disturb your sleep.

Daily Uses of Alkaline Ionized Water



Soaking Fruits and Vegetables to Remove Farming Chemicals

Step 1: After washing the fruits and vegetables, soak in strong acidic water for 5 minutes to destroy germs.

Step 2: Soak in Cooking (Alkaline IV Button) water for 15 minutes, after which can cook or eat directly.

Most farming chemicals are acidic, and usually with added sticky organic chemicals. The alkalinity of alkaline ionized water and its strong dissolving ability will wash out the farming chemical residues from the fruits and vegetables.



Rice Cooking

Method: After washing the rice, use Cooking (Alkaline IV Button) to cook the rice. Soak the rice with the water for 30 minutes will give better results.

Benefit: The rice will be softer and cleaner.



Soap Making

Method: Use Cooking (Alkaline IV Button) water to cook with the soap ingredients.

Benefit: The micro-clusters will enhance better extraction of the nutrients and requires a shorter time to cook.



Tea Making

Method: Use Make Tea (Alkaline III Button) to make tea and heated to 80 degree will suffice.

Benefit: The tea nutrients will be more extracted.



Fish Washing

Method: Use Cooking (Alkaline IV Button) to wash fish.

Benefit: Will remove the fishy smell.

Uses of Acidic Water

Features of Acidic Water:

Acidity is lower than 7.0 pH

Contain relatively high chlorine

Positive ORP

Micro-clusters

Benefit of Acidic Water

■ Face Washing

Acidic water kill germs, and can be used to wash face and removal of cosmetics.

Method:

Use warm Tea making (Alkaline !!! Button) to wash. Then use cold acidic water to kill germs, contract face pores and to retain moisture. Dirt and cosmetics can come off easily.



■ Legs Soaking

Use cold or warm water for 15-20 minutes can kill germs and remove odor.

Suggestion:

1. For athlete's foot, soak with strong acidic water
2. Strong acidic water: use Cooking (Alkaline IV Button) and collect water from the opposite acidic water outlet.
3. Soak with hot or cold water; using over heated water may affect the effectiveness of germ killing



■ Mouth ulcers

To treat mouth ulcers, gargle and keep strong acidic water in the mouth for 3 minutes, several times a day. It has anti-bacterial, anti-inflammatory and analgesic effect



■ Wound disinfection

Wash or soak the wound with strong acidic water, it helps in anti-bacterial, anti-inflammatory and accelerate wound healing. Washing wound with strong acidic water does not cause pain as compared to iodine and hydrogen peroxide



■ Washing

Can use the acidic water collected to wash bowls, towels, socks, etc. to disinfect and kill germs.





Consumption Guide of Alkaline Ionized Water for Health Purposes

■ Too Much Stomach Acid

1. Mental stress and fatigue
 2. Poor diet (too sweet, too salty, too sour, too spicy, too hot, too cold)
 3. Some whole grains rich in starch, plus sweet and sour taste such as sweet potato and potato
 4. Chronic gastritis and duodenal ulcer disease can contribute to the increase of gastric acid and often acid reflux
- Method of Drinking: When having heartburn, drink high alkaline ionized water. Drink regularly during normal time, at least 1,500-2,500 ml daily.

How It Works: Alkaline ionized water will regular the stomach over acidity.

■ Constipation

Gastrointestinal disorders, insufficient water and fiber in colon, slow intestinal peristalsis (Constipation diagnostic criteria: Small amount of stool, hard stool, difficult defecation, at least 2-3 times in a week, symptoms continue for 2 weeks or more)

Method of Drinking: Start with low amount of slight alkaline ionized water (800 ml.) and gradually increase to Cooking (Alkaline IV Button), at least 2,500 ml. daily.

Important: Drink with empty stomach for best results. Drink 300-500 ml. upon rising.

How It Works:

1. Micro-clusters of alkaline ionized water ensure deep penetrating and is absorbed rapidly by the intestine. This will soften the stool and promote peristalsis movement.
2. Slight alkalinity of alkaline ionized water will restore the weak alkalinity of the intestine.

■ Indigestion

Indigestion and gastric motility disorders, excessive gastric acid secretion, Campylobacter pylori infection and gastroduodenal inflammation, mental stress and environmental factors

■ Gout

Method of Drinking: Drink with empty stomach, 1,500-2,500 ml. daily.

Gout is because of the retention of uric acid in the blood for a long time which stimulate the joint inflammation. Men uric acid >7 mg/dl (416 $\mu\text{mol/L}$), and women >6 mg/dl (357 $\mu\text{mol/L}$) can be diagnosed as hyperuricemia

Method of Drinking: Drink at least 3,000 ml. of Cooking (Alkaline IV Button) daily.

Drink sufficient alkaline ionized water before bedtime to ensure having at least 2 litre of urine. If meal is not controlled for the day, drink lots of alkaline ionized water

How It works:

1. Regulate uric acid: 100 ml. of alkaline ionized water can dissolve 21.3 mg of uric acid. Drink at least 2 times the water will reduce uric acid in the blood.
2. Enhance the elimination of uric acid: Alkaline ionized water has diuretic effect and enhance elimination of uric acid. It also helps to maintain the alkalinity of urine to above pH 6.0, best at 6.4 to dissolve uric acid.



Sources: 摘自《电解水——生命的活水》

作者：王豫廉教授



ideas for health

Ai-WATER

"Low Maintanance is our Aim!"

To prevent Ai-Water's electrolyze ability weakened over time. High failure rate issue of the circuit board and flow sensors. We, PHM believes in "Seeking the truth from all facts as to formulate best solution".

Through our belief and continuous research and development, we managed to resolve all issues mentioned above and manufacture world's lowest return rate water lonizer.



流水生产现场



高速旋溶



电解槽检测



PRO HEALTH MEDICS SDN BHD (681876-T)

20-1, Jalan USJ 21/7, Subang Jaya,
47630, Selangor Darul Ehsan, Malaysia.

Phone number : 03-8023 2292 / 03-8023 3770

Fax number : 03-8023 2357

Website : <http://www.phm.net.my>



RoHS

