



Selected as KGMP
competent company



The Korean Food and
Drug Administration



Korean Intellectual
Property office



CE-European Quality
Certificates



U.S. and Canada NRTL
Certificates



Class I Registered
U.S. Food and Drug
Administration

Trust In
Ionized Water



NEXT GENERATION TECHNOLOGY

RICHWAY ALKAL LIFE 7000sL™

pH CALIBRATION SYSTEM & WATER IONIZER



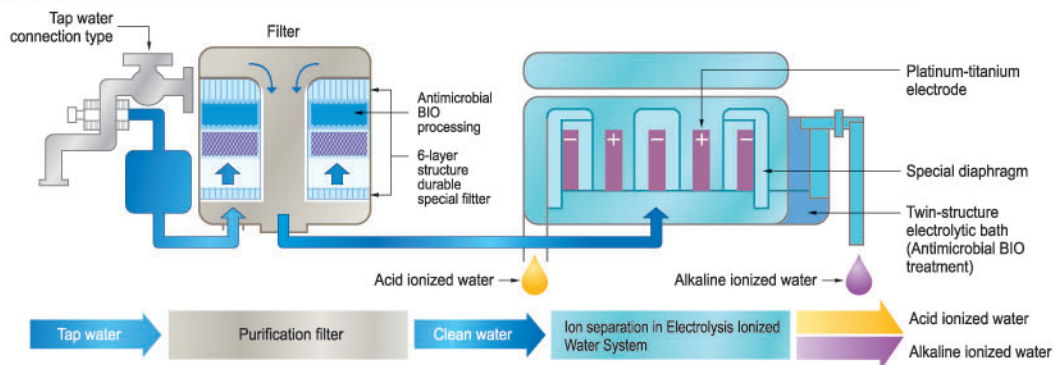
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What is a RICHWAY Alkal-Life 7000sL Ionized Water System ?

Water contains various minerals and an Electrolysis Ionized Water System converts this water into Alkaline Ionized Water for drinking and Acid Ionized Water for household use through electrolysis.



Diagram of the mechanism of ionized water production



What is the mechanism of ionized water production?

The mechanism involves electrolysis of water through the use of electrode energy and ionic materials moving to different electrodes (anodes and cathodes) through the porous special-coal diaphragm.

The electrolytes moving to anodes are anionic minerals such as calcium ions, sodium ions and magnesium ions, and the electrolytes moving to cathodes are cationic materials such as chlorine ion and sulfur ion. The water obtained from the cathode electrode side is called Alkaline Ionized Water and the water obtained from the anode electrode side is called Acid Ionized Water.

Electrolysis Ionized Water System is a product approved as a 'medical device' by the Korea Food and Drug Administration (KFDA). It produces alkaline ion water, which is beneficial to health, and Acid Ionized Water, which can be used for household purposes, and purifies by removing contaminants.

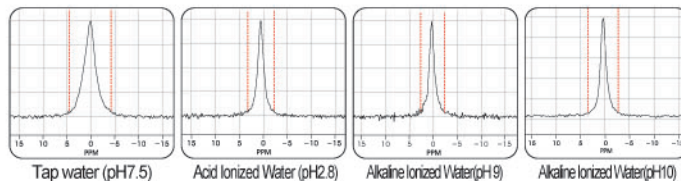


Minimization of Water Clusters (size of molecular groups of water)

The effect of ionized water depends on the clusters. Smaller clusters are rapidly absorbed deep into the cells and produce strong cellular activity. Minimized the size of water molecules to 50.0761Hz, and this was achieved through the technological capability that only possesses.

Cluster Size According to Water Particle Type

Type	Water molecules size
Tap water (pH7.5)	104.8479Hz
Acid Ionized Water (pH2.8)	55.2724Hz
Alkaline Ionized Water (pH9)	50.3593Hz
Alkaline Ionized Water (pH10)	50.0761Hz



*Soft Touch Performance System.
Remarkable design to make your
kitchen more beautiful.*



Automatic Adjustment to Optimum pH Level

The quantity of water supplied to each household may differ depending on the area and conditions. Although the water is consumed with selection of the same pH level, the pH concentration may increase or decrease. Alkal-Life 7000sL Ionizer produces high-purity ionized water with automatic adjustment for optimum pH through self-diagnosis regardless of the change in supplied water flow based on the new and unique technology of Alkal-Life 7000sL Ionizer.



Artificial Intelligence Sensor System

The self-diagnosis system based on RISC semiconductor circuit notifies the error, which is caused by an incorrect action of the operation function, in the form of a message on the LCD. As such, diagnosis and problem solving has become convenient and easy. Also, it is equipped with a safety system that shuts down the electric current through self-diagnosis in the event of excessive current.



More than -500mV of Maximum Reduction Power

The core part of the Electrolysis Ionized Water System is in the electrolytic bath. With use of platinum-titanium material a cutting edge advanced material produced by the new and unique technology of Alkal-Life 7000sL Ionizer the cluster size of water is minimized. Alkal-Life 7000sL Ionizer uses five electrodes rather than 4 and takes pride in 'more than -500mV of maximum reduction power'. Also, the water is separately supplied to both poles and electrolysis efficiency has been enhanced.



Advanced Silver-Nano Special Filter

Silver was added to the activated carbon, the core material of the filter, to enhance sterilization power to suppress bacterial growth, and cleaner more purified ionized water is produced through the 2-layer 12-step excellent purification process.

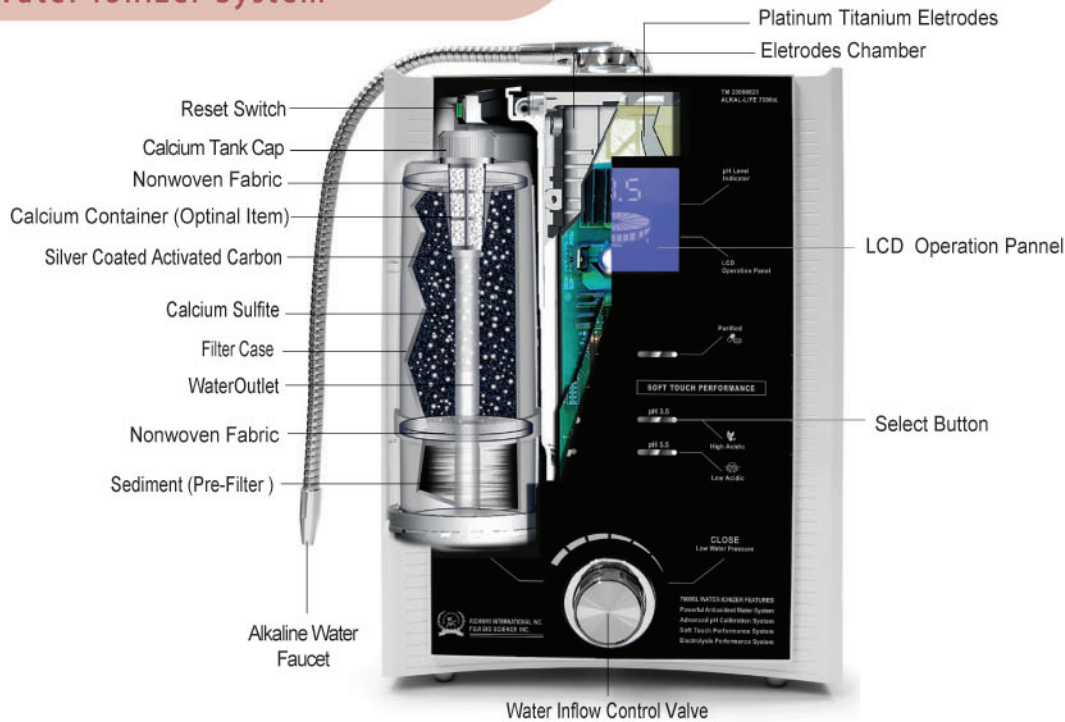


Installation of Main Body Single-type On/Off Ceramic Valve

The On/Off valve was installed into the product itself, making it convenient to turn On/Off. The most advanced ceramic material was used and this can be used semi-permanently. Also, the water pressure adjustment function provides added convenience.

RICHWAY Alkal-life7000sL The most advanced water purification and ionizer system in the world!

Water Ionizer System



Automatic Self-Cleaning and Drainage Functions

Automatic self-cleaning is performed at every 10 liters of water flow to maintain the electrolysis function. As self-cleaning is performed during stoppage (blocking of water inflow), use of this system is convenient and the cleaning effect is excellent. When self-cleaning is completed, the drainage is automatically performed.



Subdivision of pH Steps into 7 Steps

Alkal-Life 7000sL Ionizer the pH steps into 7 steps consisting of 4 Alkaline Ionized Water steps (pH8.5, pH9.5, pH10.0, and pH10.5), 2 Acid Ionized Water steps (pH3.5 and pH5.5), and purification. The selection range was expanded for various uses depending on the purpose, as well as for persons such as first time drinkers, babies and seniors who have weaker digestive systems.



Filter Usage and Replacement Period Display

The flow of water is accurately detected by the flow-detection sensor system digital circuit, and filter life is continuously displayed on the LCD. Filter replacement period is notified through audio announcement and the phone numbers of filter replacement service providers are also illustrated.



One-touch Selection Method

Convenient operation of touch-screen technology, represented as icons for one-touch selection of the desired ionized water, on the control panel of the main body.



Water supply adjustment valve

With the ON/OFF Ceramic Valve installed on the front of the unit, a user can turn it on and off comfortably. Users can also control the input water pressure through this ON/OFF Ceramic Valve.



Recognition System approving Genuine Filter

On installation the recognition system for approves the genuine filter in Alkal-Life 7000sL Ionizer, users could know that the 1st time error due to careless replacement and take follow-up operations.

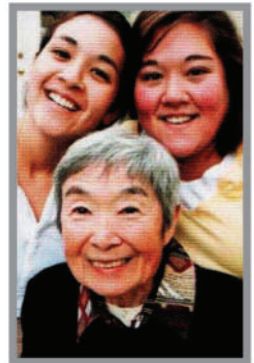
Alkal-Life Water Benefits

For You and The Environment

Disease Prevention for You and Your Family

The American diet is extremely acidic and acidity in the body is related to disease. The acid environment does not cause disease, but it creates an environment where disease thrives. As the acid condition of the body worsens, it destroys cell walls, corroding veins and arteries and eventually entire organs.

Raising the body's pH by drinking ionized alkaline water gives a boost to the immune system and a better chance to fight off viruses and bacteria. Eating raw vegetables and fruits, and drinking herbal teas with lemon along with drinking six to eight glasses of ionized, alkaline water daily is a proven formula for disease prevention.



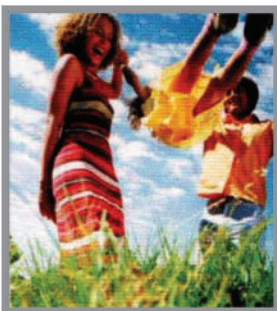
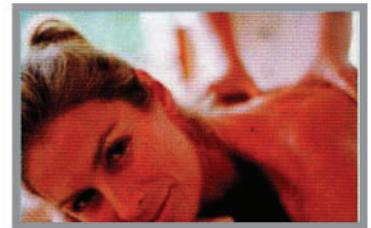
Decreased Acidity Promotes Weight Loss

The body creates fat cells to trap and neutralize acids in the system. The modern diet of meats, grains, processed foods and beverages such as coffee, tea, soft drinks and alcohol is extremely acidic. Some acids are voided through urination, defecation, and perspiration, but many remain in the system. Fat cells bind to acids. Some fat cells are voided from the system, but many fat cells are stored in the body, resulting in weight gain. Reducing calories will not decrease the acidity of the body and may increase it if large amounts of acidic beverages are included.

Ionized, alkaline water can reduce the body's acidity and stop fat storage. Micro-clusters of ionized water help flush acid and toxins from the system. A detoxified, non-acidic body has more energy and vitality.

Fountain of Youth-Slow the Aging process

Aging is the result of damage to bodily tissues by organic acids and by active oxygen (free radicals). Feeling and looking younger occurs when we reduce the accumulated waste products of the body. The outward signs of aging included wrinkles, sagging, and gray hair. Drink ionized alkaline water to wash out acidic waste, and antioxidant power and being to reverse the aging process.



Say No to Fatigue!

Naturally boost your energy with superior hydration. We all know thirst is a signal that we need more fluid, and for those who ignore that signal, it can lead to loss of appetite, impaired physical performance, increased effort for physical work, nausea and difficulty concentrating. Superior hydration helps boost mental and physical performance. Remember, water is essential to your body and your brain. All body systems function better when you're properly hydrated, and that includes digestion and metabolism.

Reduce Waste and Heal the Planet

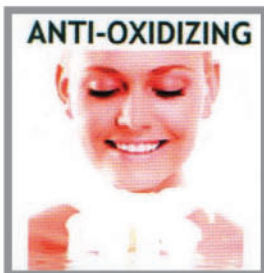
According to the United Nations Environment Program, more than 20 billion pounds of plastic ends up in the ocean every year. In addition to the 17 million barrels of oil used in production, bottled water consumes gallons and gallons of water. Let's do our part by saying no to plastic water bottles, and filling our own non-plastic containers with alkaline ionized water.



"The first thing I noticed was the extra energy I had from the oxygen in the water. My blood sugar had been a little high, 113, and it is now 85. Blood sugar should be between 70 and 105. My blood pressure average 135 over 85(a little high). It now averages 120 over 70 which is very good ."
- Le Roy K.

Optimal Health

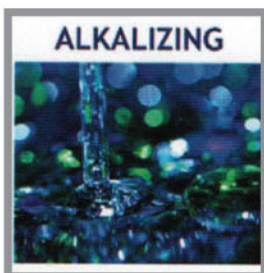
The Five Ingredients to Optimal Health with Alkal-Life Water



ANTI-OXIDIZING

A Powerful Antioxidant

We've all heard the terms "free radicals" and "antioxidants," but do you know what they really mean? Free radicals are unstable oxygen atoms that cause oxidation in our bodies, which brings about aging and disease. Oxidation is what turns an apple brown after it is cut or causes metal to rust. The process of oxidation "steals" electrons from the surface being oxidized. Antioxidants work by significantly slowing or preventing oxidation. Drinking ionized alkaline water helps scavenge free radicals in the body. It is nature's greatest antioxidant, laden with negatively charged hydrogen atoms.



ALKALIZING

Alkalizing Action

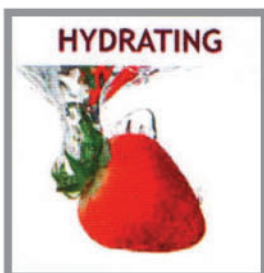
Why is alkalinity important? Our bodies function best when they are neither too acid nor too alkaline. Our blood system is always working to keep itself in the narrow range of pH 7.35 to 7.45. Alkaline water can neutralize the acidity of the body caused by stress, modern diet, air pollution and many bottled waters. An acidic body is a breeding ground for disease. Drinking ionized alkaline water greatly enhances the physiological processes responsible for attaining and maintaining a relative blood and urine alkalinity. Alkalizing increases the body's natural defenses and strengthens immunity.



DETOXIFYING

Detoxifying and Cleaning

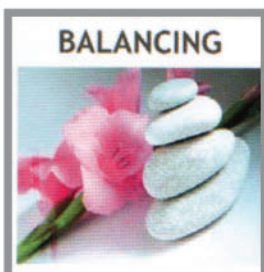
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HYDRATING

Super-Hydration

Ionization breaks clusters of water molecules into smaller micro-clusters, reducing the size of the clusters from the 11-16 molecules in standard water to just 5-6 molecules in ionized water. Smaller clusters pass through cell walls more easily and hydrate the cells more quickly. Ionized alkaline water provides superior hydration and nutrition at a cellular level. Alkal-Life water tastes smooth and sweet, increasing your desire to drink water. You can literally taste the differences!



BALANCING

Bring Your Body Back to Balance

When you take your first refreshing sip of Alkal-Life Water, you will wonder how you ever tolerated anything else! Optimal health begins when Alkal-Life water turns your acidic, polluted, chlorinated tap water into healthy ionized alkaline water.

- Slow down the aging process
- Promote healthy weight loss
- Boost your immunity
- Increase absorption of minerals and vitamins



"I wanted to take really good care of myself during pregnancy. Alkal-Life water helped me keep my pH in balance." - Susie M.

"Alkaline Ionized Water for an ion-balanced body."

Alkaline Water & Life



pH level of Alkaline Ion Water pH8.5 pH9.5 pH10.0 pH10.5

Alkaline Ionized Water for the Body

Water that removes wastes from the body

Electrolysis-reduction water that removes wastes from the body. It helps maintain balance by removing activated oxygen from the body.

Activated water that helps lively movement of human cells

The small-sized water clusters (molecular sizes) are helpful in cellular activity.

Nutritional Water Rich in Minerals

It supplies essential minerals including calcium, sodium, magnesium, and potassium.

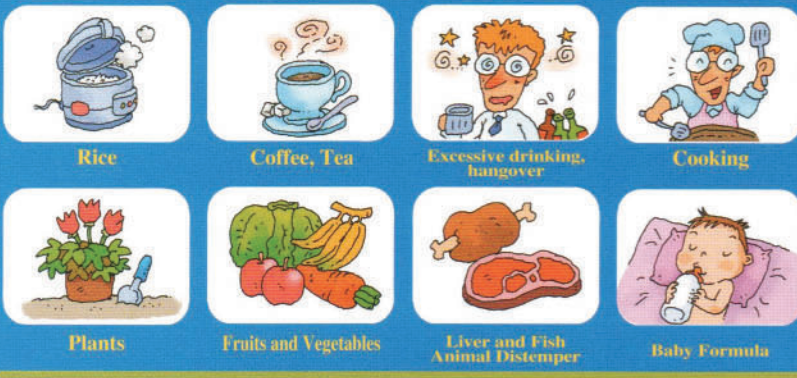
Hexagonal Water that Protects Intracellular Substances

Hexagonal water helps protect intracellular substances.



ALKA-LIFE 7000SL THE MOST ADVANCED WATER PURIFICATION AND IONIZER SYSTEM IN THE WORLD!

A healthy life begins with an Antioxidant Water System



For healthy and vital living

Boiling Rice

Soak rice in Alkaline Ionized Water for 30~60 minutes before boiling rice, and rice will be as glossy as cooked glutinous rice with a delicious taste.

Making Tea

Alkaline water removes the bitter taste from coffee and tannic taste from black tea, enhancing their original deep taste and aroma.

Liquor, Cocktails

Alkaline water makes liquor and cocktails soft and light. Try a delicious cocktail on the rocks mixed with alkaline water.

Various Cooking Recipes

As the cluster size of water is small, it can be used in the preparation of foods, such as cow-bone soup and watery plain kimchi, for better taste, and is also useful in boiling oriental medicine.

Food Freshness

Use Alkaline Ionized Water in the preparation of foods for longer-lasting freshness.

Excessive Drinking and Hangovers

Drink 1 or 2 cups before going to bed or before breakfast the morning after for faster relief.

Powdered Milk for Babies

Good for use in the reconstitution of powdered milk for babies.

After Exercising

The small-sized water clusters are rapidly absorbed into the cells when consumed after exercising, and it helps replenish the body.

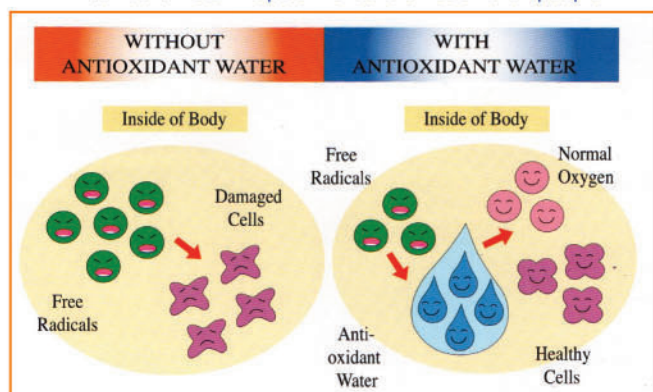
ALKALINE ANTIOXIDANT WATER IS VITAL FOR GOOD HEALTH

Water sustains life. Approximately 70~80% of our body is water. Water adjusts the body's temperature and assists in digestion. It removes toxins from the body and also makes necessary body fluids.

The qualities and the properties of the water we drink can determine the quality of our health.

The ALKA-LIFE 7000sL WATER PURIFICATION AND IONIZER SYSTEM produces perfectly pH-balanced pure alkaline water for your good health.

Antioxidant Water helps enhance the health of all people



"Ion balance for the exterior body, Acidic Ionized Water."

Acidic Water & Life



pH level of Acidic Ion Water

pH3.5

pH5.5

Acidic Ionized Water for the exterior body

■ Skin care action

With pore refining and cleaning action it is beneficial for face washing and bathing.

■ Disinfecting and sterilizing action

Whitening action with chlorine ions helps disinfect, sterilize and clean your skin.



Stomach Cramps



Heat, and Rash



Cutting



Colds / Flu



Burns



Sun burns



Athletes Foot



Washing / Bathing, Shampoo



For clear, clean skin, and for a pure lifestyle!

■ Bathing and face washing

It's astringent effect is beneficial for the skin.

■ Washing feet

Good for your feet exhausted and soiled with contaminants.

■ Alternative to hair rinse

Use Acidic Ionized Water to rinse the hair after shampooing for softer, moist hair.

■ Eliminating bad breath and brushing teeth

Acidic Ionized Water has excellent hemostatic action. Spray it to eliminate bad breath, and the water may also be used for brushing teeth.

■ Washing vegetables

Its excellent disinfecting action makes it good for washing vegetables to help maintain colors.

■ Household cleaning

It removes household dust and dirt, and is also useful for cleaning bathtubs, toilets, and furniture.

■ Removing deposits from kettles

Soak kettles with deposits or scorched pots in acidic water overnight, and they will be clean the morning after.

■ Cleaning glass windows

Clean glass windows, mirrors, and glasses with Acidic Ionized Water. Dust and dirt are easily removed with improved luster.

■ Disinfecting chopping boards and dishes

Disinfect knife marks on chopping boards, as well as dishes.

Comparison of pH and O.R.P. Oxidation Reduction potential

Test results of Rich Way Alkal Life 7000sL

Test results in details

pH : 7.34 ORP : 682mV TDS : 61ppm Temperature : 77°F

	Acid				Alkaline			
	3.5	—	5.5	—	8.5	9.5	10.0	10.5
pH level	3.25	—	5.06	—	9.62	10.15	10.41	10.93
ORP (mV) value	896	—	785	—	-390	-496	-696	-838
Incoming current (mA)	1,072	—	724	—	343	638	803	1,126
Output collage(V)	-26.79	—	-16.14	—	7.52	13.30	17.47	26.59

Test results for K-Alkaline Water

Test results in details

pH : 7.49 ORP : 567mV TDS : 63ppm Temperature : 77°F

	Acid			Alkaline				Remark
	pH 2.5	pH 5.5	Purified water	pH 8.5	pH 9.0	pH 9.5	—	
pH level	4.29	7.49	7.49	10.21	10.55	10.82	—	Max pH 9.5
ORP (mV) value	886	497	497	-528	-651	-766	—	
Incoming current (mA)	1,770	69	69	73	592	1,674	—	
Output collage(V)	-24.40	0.45	0.45	7.29	12.10	23.64	—	

Test results for I-Alkaline Water

Test results in details

pH : 7.42 ORP : 325mV TDS : 60ppm Temperature : 77°F

	Acid				Alkaline			
	4th level	3rd level	2nd level	1st level	1st level	2nd level	3th level	4th level
pH level	4.29	4.87	5.41	6.52	8.46	9.24	10.01	10.50
ORP (mV) value	886	426	216	194	57	-92	-178	-396
Incoming current (mA)	1,770	701	500	301	260	307	459	808
Output collage(V)	-24,40	-18.12	-11.05	-4.55	3.06	4.67	9.58	21.43



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