



Water for a healthy life!



Change your water! Change your Health!

EHM GROUP.,LTD



What should I expect from drinking Ionized Alkaline Water?

This will initially depend on what pH strength when you begin drinking Ionized Alkaline Water. water ionizer separates water into alkaline and acid fractions using a process known as electrolysis. Ionized Water provides your body with lots of oxygen that is why it gives us more energy. Alkaline Water is wonderful to cook with because it helps hydrate the food and bring out its flavor. However, other changes in your body after drinking Ionized Water will be much more subtle and will take some time. If you have accumulated acid waste in your system, it probably took years for you to get into that condition and it will take some time to reverse it. As the body is slowly brought into pH balance by drinking Ionized Water, it will naturally begin to function more efficiently and problems will begin to correct themselves. By the way, Ionized Water is smoother tasting than usual water. Ionzed Water makes better tasting tea, coffee, juice and other beverages.

What is Healthy water?

Health water's criteria	Tap water	Boiling water	Municipal Drinking water	Mineral water	Purified water	distilled water	Alkaline ionized water
Non-toxic materials	✗	✓	✓	✓	✓	✓	✓
Mineral ions	✓	✗	✓	✓	✗	✗	✓
Alkaline PH	✓	✓	✓	✓	✗	✗	✓
Micro-clusters	✗	✗	✗	✓	✗	✗	✓
ORP	✗	✗	✗	✓	✓	✗	✓
Proper Oxygen	✓	✗	✓	✓	✗	✗	✓

Is there anyone who should not drink Ionized Alkaline Water?



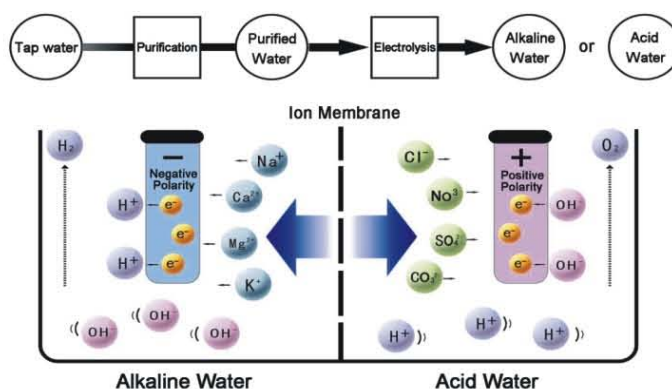
Elderly people must start by drinking very small amounts of Ionized Alkaline Water. For example; 8 oz. of strength level 1 (one) Ionized Alkaline Water per day because of heavy metals and other toxins that have accumulated in their bodies. You do not want to detox too quickly and cause a healing reaction. Occasionally years of medication has accumulated in them. Children 3 years and younger should not drink Ionized Alkaline Waterwe recommend that they only drink the purified water from the Ionizer. Children between the ages of 4 years and 12 years should only drink Ionize Alkaline Water at strength level 1 (one) and strength level 2 (two). Children between the ages of 4 and 12 years of age should never drink Ionized Alkaline Water at strength level 3 (three)

How does a water ionizer work?

Our counter top Water Ionizer can be directly connected to a diverter valve at the end of your faucet. Connecting our unit directly to your faucet takes about 15 to 20 minutes and enables your water ionizer to use a two step process. The first task is to help filter out harmful components of the water with our built-in dual filter system, which remove chlorine, trihalomethanes, phenols, sediment, odor, taste, and organic waste. The Water Ionizer achieves this by using multi-stage filters. The filtered water then passes into a chamber equipped with platinum-coated titanium plates. Next, an electrical charge is introduced into this water. This is where the electrolysis takes place. The water is separated into two streams (acid and alkaline) of ionized water. The acid water (oxidized) makes up about 30% of the water and the alkaline water 70%. The reduced ionized alkaline water comes out of the faucet, which you use for drinking or cooking. The acid (oxidized) water comes out of a

separate hose leading into the sink. The oxidation potential of the acid water makes it a good sterilizing agent, ideal for washing your hands, cleaning food or kitchen utensils, and treating minor wounds and eczema. Cations, positively charged ions gather at the negative electrode to create alkaline water, which concentrates available alkaline minerals, such as calcium, magnesium, and potassium from the source water. Anions, negatively charged ions gather at the positive electrode to make acid or oxidized water, which concentrates acid minerals such as nitrates, sulfides, chlorides, and fluorides from the source water.

Remember in chemistry, opposites attract each other. A range of pH settings from neutral to very alkaline or very acid is available at the touch of a button. The electrodes are cleaned in an automatic cleaning cycle or you can also run a manual cleaning cycle. The electrolysis process breaks the molecular bonding of water molecules and restructures the water clusters from usual groups of 12 or so down to about 5 or 6 molecules per water cluster. "Clustered" water is typically characterized by smaller groups of molecules, lower surface tensions and thus can more easily penetrate the cellular membrane. This clustering process is somewhat akin to the ease of carrying a bowling ball through a normal doorway versus trying to carry an 8 foot diameter balloon through the same doorway. This clean, healthy, alkaline ionized water is drawn for drinking and cooking through the main stainless steel spout.



Can a person alter their pH too much from drinking Ionized Alkaline Water?

People have been known to drink as much as four to eight liters of Ionized Alkaline Water every day and gotten great benefit from it. And they have not become too alkaline. On the contrary, one of the most common imbalances people have today that leads to health problems is that they are too acidic. Our body pH should be approximately 7.2 (measured through saliva or urine). The more acidic we are, meaning a 6.6 pH or lower, the greater opportunity we have provided disease to flourish in us. In fact, it is rare for a person to acquire Alkalosis, the condition of being too alkaline. We should always drink Alkaline Water and eat Alkaline Foods such as fruits and vegetables.

How much water should I drink and at what level?

You should drink half your body weight in ounces per day. For example, a person weighing 100 pounds should drink 50 ounces. You should start slow at strength Level 1 (one), drinking 1-3 glasses per day for the first week. You may increase the number of glasses per day during the first week if you do not notice any side effects. If you do not feel any flu like symptoms at the end of the first week, move up to strength Level 2 (two). On strength Level 2 (two), drink 1-3 glasses per day for the first week. You may increase the number of glasses per day during the first week if you're feeling good. On average, two to three weeks per level; work your way up to a 10.5 pH (strength Level 3 (three)). The higher the strength level of Ionized Water you can drink, the better it is for you because the water is more Alkaline, more Detoxifying, and a stronger Antioxidant that provides your body with more Oxygen.

How does Ionized Alkaline Water affect athletes?

In an extremely positive way, as you might expect. Blood oxygen levels will rise at varying amounts with regular use of strong Ionized Water. This increases stamina, endurance and provides the muscles tissue and organs with high amounts of oxygen, which the human body often lacks, even in athletes because inadequate diets. Proper hydration sustains the body's physiological responses in all activities, but the physical and mental stresses of athletic training and competition magnify the importance of hydration. Numerous studies conducted on athletes since the 1940s have demonstrated that even mild dehydration impairs performance. Current thought is that athletes consuming a traditional Western diet have consumed an abundance of salt, so there is no need to replace salt when exercise last less than two hours. Water that has been alkalized may help neutralize the exercise induced acidosis (lactic acid build up), since the pH of alkaline water is high. Ionized water may help act as a free-radical scavenger to address the issue of accelerated oxygen consumption. Ionized water is micro-clustered, so it may be absorbed at a faster rate, helping with rehydration. Dr. Peter L. Kopko, D.C., recommends drinking 13 to 20 ounces (2-3 cups) of water 2 hours before exercise and 5 to 10 ounces (about 1-2 cups) every 15 to 20 minutes of exercise, depending on your total body weight.



white with black



silver with black



white with silver



red with black

Technical parameters and specifications

Power supply(SMPS)	AC220V, 50Hz or 110v,60HZ
Electrolyzing power	210 ~ 80W
Standby power	1.5W
Heating power	2000W \pm 10%
Input water pressure	0.1 ~ 0.3MPa
Working water TDS range	50 ~ 1200
Working flow rate range	1.0 ~ 4.0L/min
Plates material	Taitanium with platinum coating
Plate size	15cm*9cm
Numbers of plate	8
Continuous strong electrolyzing ability	30min
Total handling water capacity	10,000 L
PH value	2.5 to 11.2
ORP value	+500 to -800MV
The highest water temperature for continuous working	58 Degree (Centigrade)
Weight	10KG
Machine size	height 380mm * width 280 mm * depth 175 mm

Features

1. With Automotive paint technology, an imported acrylic touch panel, and a modern/elegant yet simple-type appearance this Ionizers is Top of the line!
2. Using an Advanced touch control panel technology, the system uses E-valve to control the water source.
3. Includes a Super large 3.8-inch LCD colorful screen, the LCD Displays ORP ,PH , flow rate , temperature and process of the water
4. The Microcomputer automatic control system for the electrolysis makes the water TDS from 50 to 1500PPM.
5. The Intelligent voice system can be changed to several languages.
6. This Ionizer has 8 Super- large titanium – platinum coated plates (Total surface area is more than 1600cm²) which increases usage life. System also has self-cleaning function.
7. Ph levels are from 2.5 to 11.2 and ORP level from +500mv to -800mv.
8. There is mineral port at the top of the system to add minerals as needed.
9. Uses high-power SMPS power supply , the voltage is from 110V to 240V universal and is very safe and reliable. The system also has a built-in overheating radiator and continuous work function.
10. Includes Changeable power cord for different power plug from different country.
11. Has Built-in dual filters 4 stages (PP cotton, KDF, ,Active carbon ,fiber carbon), to bid farewell to an external filter system, installing the water ionizer is simple and convenient! Using electromagnetic valve induction technology, filter life expires, automatically cutting off the water.
12. The Built-in heating system, hot water temperature from 95°F to 136.4°F ensures the feature of hot alkaline water without damaging your ionizer.



With Automotive paint technology, an imported acrylic touch panel, 8 Super Large Plates, and a modern/elegant yet simple-type appearance this Ionizers is certainly Top of the line!



Illustration for internal structure of the system

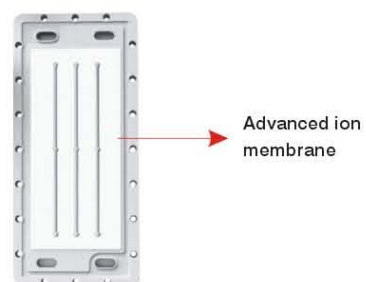


Titanium with platinum coating

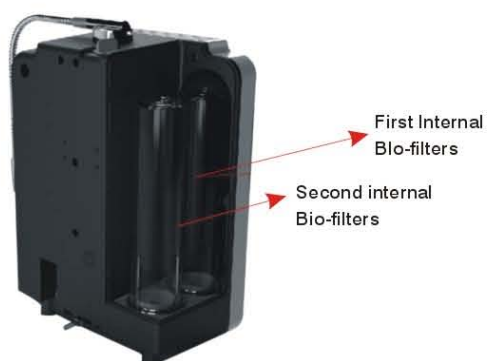
Size: 15cm*9cm



8 plates



Advanced ion membrane



First Internal Bio-filters

Second internal Bio-filters



PP

Active carbon

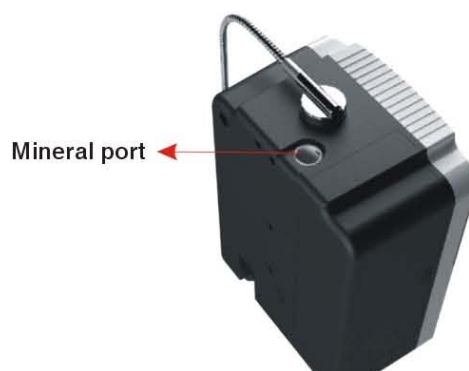
KDF

Fiber carbon



Heater

Heater for heating water



Mineral port



Changeable power cord for different power plug from different country.



Multifunctional WATER Ionizer




- 1 Includes a super large 3.8-inch colorful LCD screen display, displaying more information.
- 2 The LCD displays pH and ORP, flow rate, temperature, filters'usage life, helping user to select suitable water.
- 3 Elegant and solid CDC Touch control panel, easy to be used by children & elder people.
- 4 Using high-power SMPS power supply, it is suitable for many different power supplies in the world, safe and reliable.
- 5 The electrolysis with the Microcomputer automatic control system can work perfectly in the water TDS from 50 to 1000PPM
- 6 It has a Built-in water filtering system, showing the filter life span in time, to make sure the water quality is safe to use.
- 7 It has the self-cleaning function, to prevent scaling.
- 8 Japan imported stainless steel Spouts, never rust, free to be bent to any direction.
- 9 5pcs large size Titanium with Platinum coating plates, applied with Japan imported IONIC MEMBRANCE, providing higher efficiency electrolysis and longer working life.
- 10 Built-in overheat protection system, prevent high temperature water entering the machine, assure the machine to work safe.

Technical Parameters And Specifications

Power supply	(SMPS)AV110/220V,50~60Hz
Work power	5~90W
Bide power	1W
Water pressure	0.1~0.3MPa
Inlet water TDS	50~1000mg/L
Flow rate	0.8~3.5L/Min
Best flow rate	2~3 L/Min
Working time	30mins(Max)
Filters usage life	6000L(Depend on the water quality)
Plates material	Titanium with platinum coating
Plates size	79mm*43mm
Number of plates	5 PCS
pH range	3.5-10.5
ORP range	+600~500mV
Inlet water temperature	Lower than 45 Celsius degree
Machine weight	1.5KG
Machine size	258mm*170mm*110mm



	Function	Uses Of Different pH Water	Same pH Foods Reference
Alkaline Water	Food Disinfection & Dishes Cleaning	pH 9.0~10.5 Alkaline Water Level 4 (strong alkaline) <ul style="list-style-type: none"> • Soaking vegetables, beef, pork and fresh fish to remove fishy taste and keep the food's nature flavors. • Good for making soups and helpful for maintaining their nutrients and colors. • Effective reduce pesticides on fruits and vegetables. • Good for cleaning tough stain on dishes. 	Ginger Grapes Kelps Seaweeds
	Daily drinking	PH 8.5~10 Alkaline Water Level 3 <ul style="list-style-type: none"> • 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 8.0~9.0 Alkaline Water Level 2 <ul style="list-style-type: none"> • Good for cooking rice and noodles, preserves its nature flavor longer. • After initial period use, 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 7.5~8.5 Alkaline Water Level 1 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 5.0~6.5 Acidic Water Level 1 <ul style="list-style-type: none"> • Not suitable for drinking • Close to the skin pH value, it has and astringent effect when face cleaning. • Ideal for bathing sensitive skin and infants, sunburn relief • Minimize the appearance of pores, and good for brushing teeth. • Restores shine to hair and as a nature after shave. 	Beef Beer Clam Rice Octopus
	Sterilization & disinfection	pH 3.5~5.5 Acidic Water Level 2 <ul style="list-style-type: none"> • 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

	Modern Desgin with Elegant Piano Lacquer, no multicoloured complex but brief beauty.
	Stainless Steel Spout Never Rusts, free to be bent to any direction.
	3.8-inch Colorful LCD Screen Display, displays more information.
	Elegant & Solid CDC Touch Control Panel, very easy to operate.
	Music & Voice Prompt Assistance.
	5 Pieces Titanium With Platinum Coating Plates, for better ionization.
	110V-220V Universal Adaptor, safe and reliable.



EHM-819

Water Ionizer

- ◎ Filter material
- ◎ Electrodes material
- ◎ Display content(LED display)
- ◎ Electrolysis levels
- ◎ PH value

- ◎ PH Subtle adjustment
- ◎ Filter longevity

- ◎ ORP value

- ◎ Rated voltage
- ◎ Consuming power

- ◎ Input water pressure
- ◎ Size and weight
- ◎ Electrodes cleansing

Fiber activated carbon filter from America with NSF certificate
high-tech baked titanium platinum electrolysis chamber and ceramic membrane
alkaline water, acid water, purified water, cleansing and filter longevity

Four levels of alkaline water, one purified water and two levels of acid water

3 Plates and 2 Pairs (PH 4.5-9.5)

5 Plates and 4 Pairs (PH 4-10) Note: reference value

126 levels of PH value

Original 6000L setting volume, the replacing light will light up when it reaches this volume. Filter life lasts from one year to one and a half year.

3 Plates and 2 Pairs-650mv (MAX)

5 Plates and 4 Pairs-850mv (MAX) Note: reference value

AC220V 50/60HZ (110V Specially ordered)

Max 180W for 3 Plates and 3 Pairs;

Max 230W for 5 Plates and 4 Pairs; 1.7 Win standby

0.9~5.0Kg/cm²

About H310mm×W220mm×D125mm about 4.0Kg

The Ionizer does automatic cleansing for about 10 seconds after the utilization of alkaline water with 50 L extra cleansing. (The cleansing light will light up).



Water Ionizer

water is the origin of the life

Specification

Model: EHM-819

Voltage: AC110V/220V 1A 50Hz

Power: 150W

Size: 199mm * 117mm * 315mm

Packing: 277mm * 175mm * 357mm

Weight: 6.5KG

Water Pressure: 0.10-0.4 MPA

Water Flow: 0.6-6 L/m

Filter Life: 12000L

Ambient Temperature: 5°C~40°C

Humidity: ≤90%

Atmosphere Pressure: 86kPa~106kPa

PH: 4.0-10.0



EHM-819

Feature

PH 9~10 Alkalinity 4



Eliminate the fishy smell of meat and fish; accelerate the process of soup-making; keep vegetable leaves fresh during cooking.



PH8.5~9.5 Alkalinity 3



Nice to drink for long time; fresh and sweet taste; high dissolution and penetrability activate internal metabolism.



PH8~9 Alkalinity 2



Delectable and fragrant rice and also not easy to turn bad in cooking; remove acidity in tea-making; having delicate and fragrant taste in coffee-making.



PH7.5~8.5 Alkalinity 1



Best to drink the water in this state from the very beginning and gradually come to the stage of daily drink due to different personal adaptations.



PH 7 Pure water



Better to use purified water to have milk and take medicine.



PH4~6.5 Acidity 1



Astringent effect in washing face to reach the function of cosmetology.



- ◆ Four levels of alkaline water, one level of acid water and purified water
- ◆ Titanium platinum plates, anti-erosion and oxidation-resistant
- ◆ Power-saving installation
- ◆ Continuous electrolysis
- ◆ Electrolysis chamber: auto- and manual cleansing and reminding function
- ◆ Electric button by touch
- ◆ Filter-replacing alarm
- ◆ Over-current safety and protection installation
- ◆ Double prevention of wrong drinking

High-tech and double-color signal light

A Blue light: (drinkable)

The light is on when it is alkaline ionic water or purified water.

B Red light: (undrinkable)

The light is on when it is weak acid ionic water.

C The alternation of red light and blue light

It lights up alternately during the cleansing of the electrodes.



Red light
acid water for
external utilization



Blue light
electrolyzed
alkaline water



Inflow and outflow water is controlled by wearable ceramic switch, which is safe and reliable. Moreover, automatic water discharge and leak that ordinary under-sink Water Ionizers have in current market can be prevented. The quantity of water discharge can also be adjusted by switch. (EHM products)



Currently, electromagnetic valve is the top choice of other under-sink Water Ionizer manufacturers, with frequent trouble hitting and the danger of automatic water discharge and leak. (Other products in current market)



Water Ionizer

Water is the origin of the life
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EHM-719

- ◎ Filter material
- ◎ Electrodes material
- ◎ Display content
(7-color LCD display)
- ◎ Electrolysis levels
- ◎ PH value
- ◎ PH subtle adjustment
- ◎ Filter longevity
- ◎ ORP value
- ◎ Rated voltage
- ◎ Consuming power
- ◎ Input water pressure
- ◎ Size and weight
- ◎ Electrodes cleansing

High-quality PPF Cotton filter

Titanium platinum electrolysis chamber and ceramic membrane

Alkaline water, purified water, acidic water, cleansing, filter longevity (figure), water-flowing volume, water process, PH, ORP, electrolysis indication and electrolysis stages

Four levels of alkaline water, one purified water and two levels of acid water

5 Plates and 4 Pairs (PH 3-10) Note: reference value

126 levels of PH value

3000L-12000L setting volume according to water qualities (about 3 to 12 months)

3 Plates and 2 Pairs-650mv (MAX) 5 Plates and 4 Pairs-850mv (MAX) Note: reference value

AC220V 50/60HZ (Additional regulation should be made for 110V)

Max 180W for 3 Plates and 3 Pairs;

Max 230W for 5 Plates and 4 Pairs; 2.5W in standby

0.9~5.0Kg/cm²

About H310mm×W220mm×D125mm about 4.0Kg

The ionizer does automatic cleansing 10 seconds after the utilization of alkaline water with multi-stages setting according to water quality from 30 to 90L extra cleansing (The cleansing light will light up)



Water Ionizer

water is the origin of the life

Specification

Model: EHM-719
Voltage: AC110V/220V 1A 50Hz
Power: 150W
Size: 199mm * 117mm * 315mm
Packing: 277mm * 175mm * 357mm
Weight: 4.2KG
Water Pressure: 0.10-0.4 MPA

Water Flow: 0.6-6 L/m
Filter Life: 12000L
Ambient Temperature: 5°C~40°C
Humidity: ≤90%
Atmosphere Pressure: 86kPa~106kPa
PH: 3.0-10.0



EHM-719

Feature

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PH8~9 Alkalinity 2



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PH5.5~6.5 Acidity 1



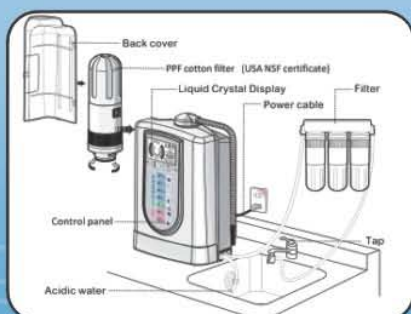
Astringent effect in washing face to reach the function of cosmetology.



PH3~5.5 Acidity 2



Sterilization and disinfection in cleansing the kitchenware; eliminate the residual agricultural chemicals from fruits and vegetable if soaking them in acid ionic water.



Tap accessories		Ionizer accessories		Optional accessories	
Top assembly	Adaptor	Rubber tube clip x 2	Suction cup for fixing position of disposal tube	Outlet tube	Fiber activated carbon filter (USA NSF certificate)
Double threaded joint	Washer x 2	Water inlet, disposal tube	Filter-replacing wrench	Ph tester 5 ml	Hanger (Optional item)