



Specialized Ion Water Device Manufacturer

WATER IONIZER

DOUBLE FILTERING SYSTEM



Sophisticated interior design adds to the classness of kitchen. Besides strong purifying function, stylish design pattern and colors make your kitchen elegant and fancy, appropriate equipment for well-being life style.



ION BALANCE FOR YOUR HEALTHY BODY

100% 
Fully Imported From Korea

Certificates



Acquired ISO 9001 Certificate Acquired ISO 14000 (International Standard for Environmental Management System)

Selected as KGMP competent company

U.S. and Canada NRTL Certificates

CE-European Quality Certificates

Electricity Safety Certificate of the U.S. and Canada

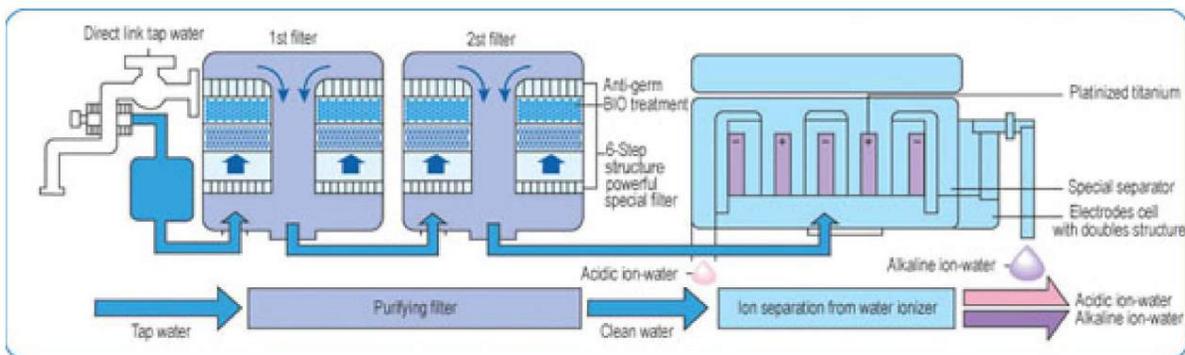


BTM-400N

| What is an 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 an Ionized Water System?

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 system.

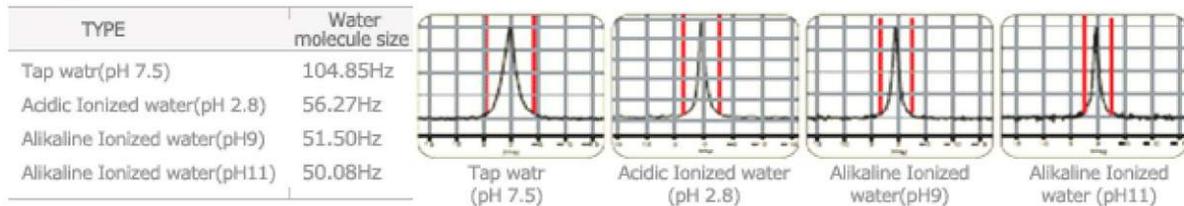
The electrolysis moving to anodes are anionic minerals such as calcium ion, sodium ion and magnesium ion, and the electrolysis moving to cathodes are cationic materials such as chlorine ion and sulfur ion. The water obtained from the cathode electrode side is called Alkaline Ionized Water and the water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

Therefore, an 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. Bion-Tech minimized the size of water molecules to 50.08Hz, and this was achieved through the technological capability that only Bion-Tech possessed.

› Comparison of cluster size depending on types of water molecules



| 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.

| Water Ionizer with Two-Filtered System



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 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 also helps replenish water.



Automatic Adjustment to Optimum pH

Biontech 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 Biontech.



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.



More than -500mV of Maximum Reduction Power

With use of platinized titanium material a cutting edge advanced material produced by the new and unique technology of Biontech the cluster size of water was minimized.



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 excellent purification process.



Automatic Self-Cleaning and Self-Drainage Functions

Automatic self-cleaning is performed at every 10 liters of water flow to maintain the electrolysis function. When self-cleaning is completed, drainage is automatically performed.



Installation of Main Body Sing-Type ON/OFF Ceramic Valve

The On/Off valve was installed into product itself, making it convenient to turn On/Off. The most advanced ceramic material was used and this can be used semi-permanently.



Water Supply Adjustment Valve

With On/Off Ceramic Valve installed on the front of the unit, user can turn it on and off, comfortably.



Subdivision of pH Steps into 8 steps

The selection range was expanded for various uses depending on the purpose, as well as for persons such as the first time drinkers, and babies and seniors who have weaker digestive system.



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.



One-Touch Selection Method

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

| Water Ionizer with Two-Filtered System



