



**HIGH TECH HEALTH**  
INTERNATIONAL

## **IONIZER PLUS® WATER ELECTROLYZER DETAILED INFORMATION**

Thank you for your interest on the Ionizer Plus water treatment system from High Tech Health, Inc. This unit is distributed all over the world by High Tech Health, Inc. We have more than 60,000 users in the United States alone. It is manufactured for us by Akai in Japan where more than 18% of the entire population drinks ionized water. In the United States more than 4,000 health practitioners, mostly MD.'s, recommend the Ionizer Plus to their patients with problems ranging from digestive problems to other acidic related problems like cancer.

The Ionizer Plus connects via a diverter valve to your kitchen tap (mixer). With the valve in one position it directs the water through the machine. With the valve in the other position, you may use your sink as you normally would.

The water routed through the Ionizer first encounters the carbon portion of the filter where chlorine and chemicals are absorbed. Next it goes through a hollow-fiber membrane. This space-age filter filters out everything larger than 0.1 microns (one tenth of a micron). This includes all bacteria, such as E. coli, giardia, and crypto sporidium.

Next, the water is treated with direct current creating electrolysis, or the splitting of oxygen and hydrogen. Last the water is treated with low dose ultra violet, approximately 15,000 microwatts per square centimeter, to eliminate viruses. The bacteria have already been filtered out.

Although microfiltration and ultraviolet will yield very safe, very clean water, the electrolysis treatment is even more important. After converting household current to direct current, the water enters an electrolysis chamber where there is a series of electrodes separated by a membrane. This membrane allows calcium, potassium, and magnesium, which are cations, to be attracted to the cathode. The minerals at this point become ionized and, therefore, much more bio-available. Normally, inorganic minerals found in water are too large to absorb.

Further, the direct current breaks the covalent bond of the water. Water molecules cluster together at 12-14 molecules per cluster. This is sometimes known as surface tension. Soap uses a chemical surfactant to make water small enough to lift dirt off your clothes. The Ionizer Plus does this electronically resulting in water that is “wetter,” more permeable and more soluble. It hydrates the body about six times faster and deeper. This water is more OH-.

Last, the charge of the water is changed. Typically tap water has a small electrical charge of about +400 mill volts. It is oxidative; rusts metals by oxidation or taking an electron away. The charge of the alkaline water is usually between a -100 to -350millivolts. In chemistry this is referred to as “reduced” meaning that it has an extra electron and donates it to free radicals in the body. This water has been written up in peer-reviewed journals as a superior antioxidant or free radical scavenger.

The results you will see when drinking this water are:

Your first morning urine which tells us what the kidneys are doing will become slightly darker and more acidic as toxins are washed out of your kidneys. This will continue for months as the body rids itself of stored toxins.

The second thing you will notice is the elimination of digestion problems. If you have chronic heartburn, indigestion, constipation, diarrhea, or even irritable bowel, these are usually gone within seven to ten days but are guaranteed to be gone within thirty days.

At that point you will have complete digestion and the way you will identify this is there will be little or no smell to your stool. Of course that smell is caused by undigested and putrefying food particles that form indoles, phenyls, and scatols that are considered to be carcinogenic.

Once the digestive problems are eliminated and mal-absorption problems are gone, then the positive results most noted are for high blood pressure, low blood pressure, chronic fatigue, migraine headaches, obesity, and other problems too numerous to cover here. Ionized water does not cure anything. It brings the body back to balance and the body has a wonderful way of curing itself of almost anything once balance has been restored.

The alkaline water is used for drinking and cooking. All water ingested should be from this unit. Alkaline water used for cooking improves the taste of food because the water will add more minerals and moisture to it. Coffee, tea, soups, and stews are much improved.

If that isn't enough for one small machine, it also produces water with an acidic pH at the same time. The machine processes about 1.5 gallons per minute (five and a half liters of water per minute) -- two thirds alkaline and one third acidic.

The acidic water has a small cluster size like the alkaline water, so when used on the skin it will actually penetrate the dermis a couple of layers. Tap water does not penetrate. As you recall, the alkaline water has a negative charge and donates an electron to free radicals. The acidic water has a high positive charge, about +800 millivolts. This makes it oxidative and bactericidal meaning that it kills bacteria. The pH of the acidic water, although adjustable, is usually about 5.0 compared to the pH of the skin which is about 4.85. The skin is acidic to keep bacteria from entering in that direction. The acidic water, used topically, penetrates the skin, kills the bacteria, hydrates the skin, and restores the natural pH.

People who own the Ionizer Plus will often warm a liter or so of the water (you cannot run hot water through the unit) and bring it into the shower with them. After you have bathed and washed your hair, you pour the acidic water slowly over your head. It will penetrate your hair like a conditioner, making your hair healthier and slightly thicker, without using chemicals. Then splash the water on the skin under the eyes where the skin is most permeable and also ages the fastest. Then splash the water anywhere else on the body where you have a skin irritation or a healing problem.

The acidic water is very effective for acne. It will not stop the acne but it will stop the infection. People often scrub their face with alkaline soap thus altering the pH and encouraging infection. We usually see a positive result with acne in about three days. It is also effective for psoriasis. Psoriasis, an acidic disease, is best treated internally with alkaline water and externally with acidic water. Results usually take thirty days or less. Other skin problems rapidly affected include athlete's foot and other easy to kill bacteria. It is even effective for such things as poison ivy. Many others use the acidic water externally for sinus infections and vaginal yeast infections.

This unit will be used every day by you and your family to improve your health. It has a design life of about twelve years like most other major appliances. The price, including filter changes, works out to be about four cents per liter.

This product comes with a money-back guarantee. After you have been drinking the prescribed amount of water for thirty days, ask yourself “Is this water making a significant impact on my family’s health?” If not then you may send it back for a full refund, less shipping costs of course.

Remember that chronic disease is always chronic acidity. As an example, cancer does not exist unless or until the interstitial fluid becomes acidic. Aging is also a process of the body becoming more and more acidic that results in digestive problems, low energy levels and dehydration.

Our machine has a power efficiency of 200 watts and because it is so high we require only 2 plates which are dura-plat platinum-coated titanium electrodes. And the price of a new filter is \$98.00 and that only needs to be changed once a year or 6,000 liters whichever comes first. Let me know if you have any other questions.

Perfect health begins with perfect water.