

## GENERAL INFORMATION

### Far Infrared Rays

Far infrared rays are frequencies of light energy from the sun's invisible spectrum. NASA discovered how to generate these rays from mineral compounds placed in environmental suits during the early days of space exploration. Over hundreds of thousands of years of evolution our biological systems showed their dependence on these frequencies for well-being. It is only in the last 100 years since man has become more of an "Inside Creature" vs. an "Outside Creature" that we have become bereft of the healing energies of FIR. When FIR generation became public information, many patents for medical devices were applied for in Japan and Korea, where the research behind the BioMat was done.



U.S. F.D.A. Medical Device: 2954299

FIR has the ability to deeply penetrate into the body and raise the core body temperature, promoting circulation and invigorating cellular activity. Through the ability to penetrate the tissues, FIR helps the body get rid of toxins and metabolic waste. Through the stimulation of blood vessels, oxygen is brought to the joints and extremities speeding recovery from injury and surgery. The circulation and oxygenation relaxes tight muscles and reduces swelling and inflammation of muscle tissue, joints and nerves.

*Justus F. Lehmann, M.D., Williams, and Wilkin, Therapeutic Effects of Far Infrared Heat - Chapter 9 of Therapeutic Heat and Cold, Fourth Edition.*

*Prof Neil B. Piller. The Scientific Basis and Therapeutic Benefits of Far Infrared Ray Therapy. South Australia, Health Food Association RO.C., July 2001.*

## Negative Ions

An ion is an electrically charged atomic particle. When water separates into atoms (which may occur during movement or impact) negative and positive ions are separated ( $\text{OH}^-$  and  $\text{H}^+$ ). Near a waterfall, in a forest, after a lightning storm or at the ocean most of us feel invigorated and refreshed which can be attributed to the abundance of negative ions ( $\text{OH}^-$ ) in the air. Most homes and buildings with concrete and using a/c are very low in negative ions due to their high absorption rate.

U.S. F.D.A. Medical Device: 2954299

In 1991, scientists Neher and Sakmann received a Nobel Prize for their discovery of the cell's ion channels. The cell membrane controls nutrition absorption and waste elimination through these ion channels. It is known that the more acid ones cells become the more likely one is to contract disease. One of the functions of a particular type of ion channel is to exchange 3 Sodium ions for 2 Potassium ions whenever the surrounding environment is alkaline, thus always trying to keep the environment inside the cell alkaline. When the number of negative ions in the body is increased, cell function is activated and metabolism is increased. By using the Biomat to bombard the body with a high concentration of negative ions one is exciting the ion channels and causing a greater alkalinization of the cells.

Negative ions also increase levels of the chemical serotonin, which helps alleviate depression, relieves stress and boosts mental alertness.



## Amethyst Crystal

The BioMat is built around a bed of amethyst crystal, which is a type of quartz that has been commonly used for healing in many parts of the world since ancient times. Amethyst is characterized by a repeating 3dimensional pattern of Silicon Oxide molecules interlaced

with Iron having fixed distances between constituent parts. Because of this Amethyst crystals have electromagnetic and thermodynamic properties with the ability to store and release light and heat energy over long periods of time. Amethyst crystal gives off a very stable frequency and helps radiate the therapeutic frequencies of the BioMat into the body at an optimal level.

#### PRODUCT INFORMATION

### **Biomats In All Shapes and Sizes**

**The Biomat Professional 7000mx (or BMP) is the Most Popular Model**

We live in a toxic environment. We all deal with way too much stress. We have too many aches and pains, our diets are terrible, there is too much input on our brains. To put it mildly we do not take great care of ourselves. Why? We have a difficult time working personal time into our busy schedules. The Solution: The Biomat Professional.



The Biomat soothes the body with Far Infrared Light and Negative Ions emitted through a matrix of Amethyst Crystals providing the same energy as sunshine without the harmful ultraviolet radiation. By taking a 20 minute "power nap" a day on the Biomat, You can wind down from the day's stress while at the same time, increasing circulation, reducing inflammation, alleviating aches and pains, all the while detoxing from the affects of the harsh environment. No other appliance or apparatus can provide this multitude of healing modalities with in-home convenience at such a low cost. In fact with a limited lifetime warranty the cost over time will far out perform a gym membership, corporate or personal health plan.



### **Easy to Use**

Once ordered, the Biomat Professional is delivered to your home or office via UPS. It comes in a convenient roll-away case. Remove the Biomat from its case and place it on a bed or message table.

Connect the control panel by plugging one end into the wall and the other into the biomat. Place the provided sanitary cover over the mat and turn the temperature to the desired setting. The BiomatStore provides an exclusive Free User Guide with every purchase, which explains different therapies and the varied use of power settings. Also, provided is a free visualization CD to help guide you through those first few sessions of bliss.

It is often asked, "What does it feel like to lay on the Biomat". Unlike an infrared sauna you are reclining rather than squeezed into a cramped space. Since you are out in the open air one must wrap oneself in a natural fabric blanket or the like to work up the same sweat one would in the sauna. Biomat users describe the feeling much like that of lying out in the sun at the beach without the discomfort of the sand and the harmful Ultraviolet Light. After just a few minutes the body feels the infrared light permeate the body creating a warm soothing feeling internally as the muscles expand and circulation improves. The negative ions makes the body feel open and clean much like the feeling at the beach when near the water. Soon, the mind quiets and enters what some describe as a meditative state and the stress of the day seems to just melt away. Just think, the healing, the reduction of stress and the wellbeing one achieves when going to the seashore can be attained in your home anytime at a whim.

### **Safe and Time Tested**

The technology of the Biomat was actually discovered by NASA. In the early days of the space program, Far Infrared Elements were placed in space suits to simulate life in sunshine in the frigid temperatures of space, which was not adequately provided for by electric blanket technology. Nobel Prize winning research discovered the effect of negative ions on biological cells describing their detoxing effect. Biomats with Jade have been in production in the Orient since the 80's. Amethyst replaced Jade because of its filtering and natural healing

properties and was introduced to the United State in the early 90's. FDA approval was listed on 5/24/99. Ten's of thousands of Biomat Users extol upon its healing properties.

### **Biomat Professional Specifications**

BMP Size	700 x 1800mm / 27.56" x 74"
Net Weight	13kg / 28lb without controller
Electric Consumption	160W
Voltage	AC 120
Performance	Temperature 35°C - 70°C / 95°F - 158°F
Amethyst Size	5mm - 12mm
Amethyst Color	Natural Violet Clear
Amethyst Cut and Shape	Tumbled
Polariscope Test	Dr
Refractive Index	1.544-1.553
Fluorescence LW:	No Refraction, Natural factor

### **The Bio Minimat**

The Bio Minimat is the perfect choice for those:

- who have smaller body frames
- specific areas such as the lower back or chest that need healing
- those who are seated all day and need healing while they sit
- for driving in the car
- for ease of transportability
- for those who want to sandwich their upper body with another mat while laying on a Biomat Professional



### **Bio Minimat Specifications**

Amethyst MiniMat Size	850 x 330mm / 33" x 17"
Net Weight	3.8kg / 8.2lb

Amethyst Weight	1.2kg / 2.4lb
Tourmaline Weight	1.0kg / 2.2lb
Electric Consumption	100W
Voltage	AC 100
Performance	Temperature 35°C - 70°C / 95°F - 158°F
Amethyst Size	5mm - 12mm
Amethyst Color	Natural Violet Clear
Amethyst Cut and Shape	Tumbled
Polariscope Test	Dr
Refractive Index	1.544-1.553
Fluorescence LW:	No Refraction, Natural factor

### Single, Queens and Kings

The bed size biomats are Cadillacs for those who love biomat healing. Experience says the bigger the energy field the stronger the biomat effect. These bed size units are very prominent in the orient where people enjoy firmer mattresses. The trade off is size and weight. These Biomats are huge and weigh a lot and are not portable. They become permanent fixtures in the bedroom.



### Amethyst Biomat Single Size Specifications

Single Size	1000 x 2002mm / 39.37" x 77.81"
Net Weight	15kg / 34lb without controller
Electric Consumption	180W

Voltage	AC 120
Performance	Temperature 35°C - 70°C / 95°F - 158°F
Amethyst Size	5mm - 12mm
Amethyst Color	Natural Violet Clear
Amethyst Cut and Shape	Tumbled
Polariscope Test	Dr
Refractive Index	1.544-1.553
Fluorescence LW:	No Refraction, Natural factor



**The New Alkal-Life 7000sL**  
**Next Generation Technology**  
**World's Most Advanced Technology in Water**  
**Ionization and Purification**

Introducing the world's first and best pH calibration system.

Now with the most advanced calibration system ever offered, this system assures you that the pH level you select is precise and completely accurate.

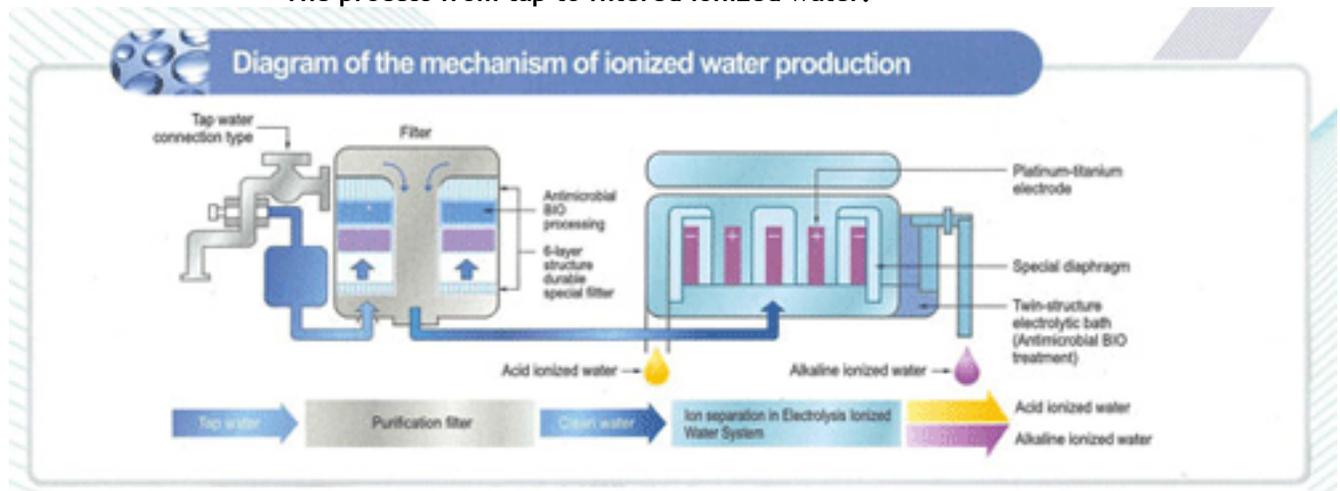
This is the only calibration system that filters all types of water to guarantee you are getting the best water quality available.

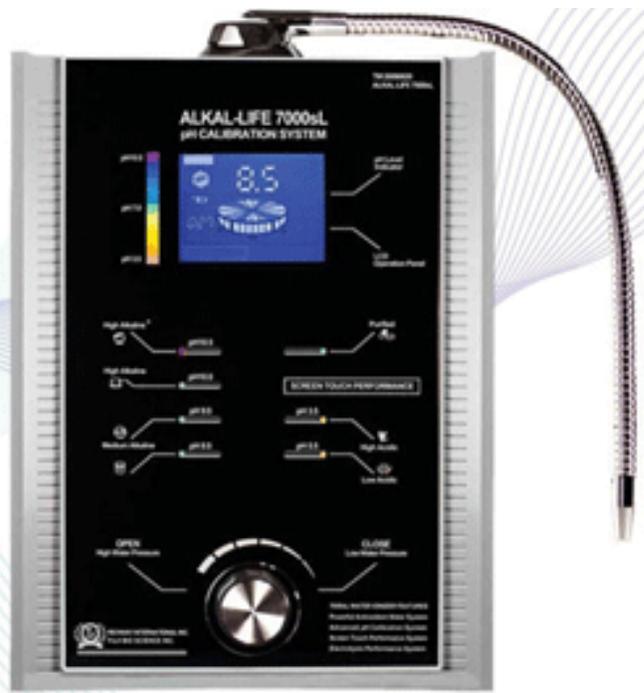
Developed in the 1950s, the Japanese invented water ionizers. By adding a strong electrical current to ordinary tap water, ionized, alkaline and acidic water are produced. This electrical process is known as electrolysis, which separates the water into two streams: alkaline mineral water for drinking and acidic mineral water for the skin, cleaning and sanitizing.

The process breaks large clusters of water molecules into "micro-clusters" that are readily absorbed by tissues and cells, leading to better hydration at the cellular level.

How It Works . . .

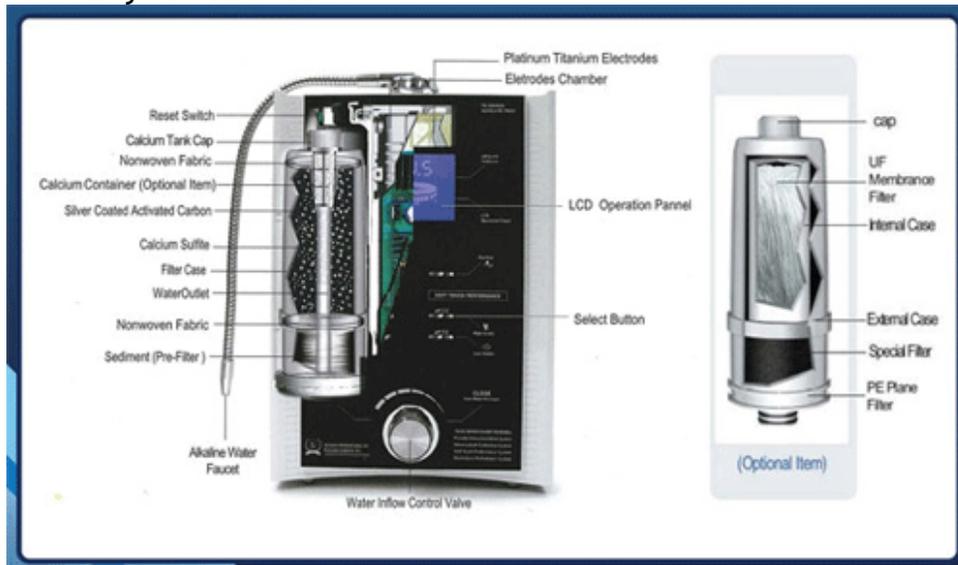
The process from tap to filtered ionized water.





With the Alkal-Life 7000sL™ you are investing in your future. This machine is equipped with an advanced pH calibration system which allows regular tap water to channel through the process of ionization effectively. In the diagram above, you will see the process of ionization. Notice that regular tap water from your faucet first enters through a 6-layer purification filter. Next, purified water travels through electrolysis, where precise ionized water is produced. By changing the pH setting, the Alkal-Life 7000sL™ has the ability to

perform many functions.



## Optimal Health

The Five Ingredients to Optimal Health with Alkal-Life Water

### 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 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 process responsible for attaining and maintaining a relative blood and urine alkalinity. Alkalizing increases the body's natural defenses and strengthens immunity.

### **Detoxifying and Cleaning**

Having a clean colon is important! Animal protein, dairy, alcohol, processed and refined foods, and saturated fats all produce a mucus plaque that adheres to the colon walls. These toxins create a barrier that prevents vital nutrients from being absorbed into the body. It is well known in the field of integrative medicine that a polluted colon contributes to many diseases, but by simply alkalizing our bodies and cleansing our colons, common ailments can be resolved.

### **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 difference!

### **Bring our 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 the immune system
- Increase absorption of minerals and vitamins

## **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.

### **Decrease 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 include wrinkles, sagging, and gray hair. Drink ionized alkaline water to wash out acidic waste, add antioxidant power and begin 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 errant 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 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.

### **Affordable and Convenient**

#### **Guaranteed Low ORP!**

The electrolysis process does not only alter tap water into a desired pH (potential hydrogen) level, it also compromises the Oxidation Reduction Potential (ORP). Altering molecules into micro clusters achieves the remarkable production of antioxidants!

The electrolysis process does not only alter tap water into a desired pH (potential hydrogen) level, it also compromises the Oxidation Reduction Potential (ORP). Altering molecules into micro clusters achieves the remarkable production of antioxidants!



In the average foods and beverages we consume, a negative (-) ORP number is a crucial ingredient to good health. High consumptions of acids and products with a positive (+) ORP will not only counter-balance undesirable oxidation to human cells, it can also lean and individual vulnerable to disease and age faster.

The Alkal-Life 7000sL, inspired by leading researchers in Asia, will deliver you pristine water that has a higher absorption rate - a taste you can feel! Tested and proven to have a low ORP, we challenge you to try the advanced Alkal-Life 7000sL water ionizer.