

Water Ionizer Myths Dispelled

Q: Is the number of electrodes the most important factor in ionization?

A: The number of electrodes will increase ionization but most important is the source water. You need an adequate amount of minerals in the water to achieve strong ionization. Most municipal and well water sources have a sufficient amount of minerals to get strong ionized water. You can determine this by simply requesting a water report from your municipality or having your well water tested. You want an absolute minimum of 50 TDS (total dissolved solids), however 100-400 is the optimal level.

Q: Where are the electrode plates in Watershed Wellness Center's Ionizers made?

A: All components of our water ionizers, including the electrodes, are manufactured by Yi Shan Manufacturing Company of Taiwan. Yi Shan does NOT outsource any of the components of the water ionizers they produce other than the plastic hoses, silver tube and computer boards. Many other companies purchase electrodes from Yi Shan, as well as manufacturers in Japan and Korea.

Q: What are your electrode plates composed of?

A: All water ionizers sold by The Watershed Wellness Center contain electrodes that are solid, polished titanium coated with 100% platinum. It is important to note that the platinum is coated, not electroplated, onto the titanium. **Our electrodes do NOT contain either iridium (Ir) or ruthenium (Ru)**, both of which are dangerous and should not be consumed.

Q: Do you use a transformer or SMPS?

A: All our water ionizers use SMPS (Switching Mode Power Supply). SMPS is lighter than a transformer, uses power more efficiently, and doesn't generate nearly as much heat as a transformer. Transformers are yesterday's technology. Yi Shan has used SMPS technology for more than 5 years on all models.

Q: What are the membranes of your Water Ionizers composed of?

A: The membranes are composed of complex polymers and are manufactured through a state-of-the-art injection molding process. This insures greater efficiency regarding the separation of alkaline and acid water.

Q: Is the size of the electrodes important?

A: Yes. The larger the electrodes, the more contact time the water passing by them has. The only accurate way for plate size to be measured is by square centimeters (cm²). 3 plates is 468cm²; 4 plates is 634cm²; 5 plates is 832cm²; 6 plates is 1024cm²; 7 plates is 1350cm².

Q: Some Water Ionizer distributors mention their units have a hard water adjustment. Do Watershed Wellness Center Ionizers have this feature?

A: "Hard water adjustment" is another term water ionizer resellers use to describe the adjustability of the power to the electrodes. The more power to the electrodes, the stronger (higher pH) the ionized water will be. Yi Shan water ionizers have 38 possible power settings for each level the water ionizer

offers. For instance, if there are four levels on one of our water ionizers, there are a total 152 power settings available on that particular model. This allows for the user to adjust and fine tune their settings to their own water source to make ionization stronger as needed.

Q: How long can Yi Shan Water Ionizers be run continuously before they overheat?

A: All our models can have water run through them for 100 hours continuously. However, the temperature of the water is a big determining factor as to how long they can run without overheating. For instance, running warm (not hot) water through a water ionizer will cause it to overheat in a very short period of time. Hot water should never be run through a water ionizer.

Q: What is the average life of a Watershed Wellness Center Water Ionizer produced by Yi Shan?

A: If properly maintained by changing filters as necessary and performing cleaning cycles as needed our Water Ionizers are built to last 15 – 20 years or longer.

The Watershed Wellness Center

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