

# Things to Know About Water Ionizers

	<b>Enagic SD501 Water Ionizer</b>	<b>Other Ionizers on the Market</b>
<b>Electrolysis Surface Area and Plate Construction.</b>	Solid plate construction provides more mass for more efficient electrolysis. Plates are 99% pure titanium core, “micro-plated” with 99% pure platinum and a life expectancy of over 20 years. Enagic – 490 sq. inches	Mesh screen plates, which expose titanium to water during the electrolytic process. (Titanium is toxic to humans.) Plate surface is lightly sprayed with inexpensive alloys, not “micro-plated” with pure titanium. Smaller, lighter mesh screen plates mean weaker ionization and shorter longevity.
<b>Power Supply</b>	230 watts of continuous power. No power fluctuations or shut off problems. Transformer power source is the most consistent power source and is used in medical devices around the world.	Use SMPS (switched mode power supply), which cycles on and off the power to the plates. The SMPS weakness is overheating. Must be stopped every 5 minutes to prevent overheating of mesh screen plates.
<b>Water Flow Rate</b>	Produces high quality ionized water even at full faucet flow rate.	Have flow rate limiters in their machines to slow the water down so it has more time to pass over the small mesh screen plates.
<b>Cleaning Capability and Water Quality</b>	#1 enemy of ionizer is hard water mineral scaling. Enagic has a patented cleaning cartridge to prevent scale build up. There are four levels of cleaning, including deep cleaning by Enagic.	No cleaning cartridge and no means of cleaning scale build up on the mesh screen plates. The plates are in a sealed chamber. Quality of the water declines rapidly with use. Very short machine life.
<b>Warranty</b>	5 year full manufacturers warranty. SD501 is the only machine that doesn’t void the warranty when hard water is run through it. There is no limit on how much water is made in a day.	Limited warranty, 3 – 5 years. Read the fine print. Hard water voids the warranty. Most of the US has hard water. More than 2.5 gallons a day voids the warranty. Some say “lifetime warranty.” That is a red flag right there. Who today gives a lifetime warranty on electronic equipment?
<b>Ionization Process</b>	Uses high power, 230 watts of electricity with 490 sq. inches of plate surface area to thoroughly split the water molecules to achieve better micro-clustering and the highest quality water possible.	Use lower power and smaller plates with less surface area. They have to add chemicals with inorganic minerals to raise the pH levels. Chemical pH is less effective on the body than electrical pH.
<b>Manufacture Process</b>	Machines and parts originate in Japan and are all made by Enagic. There is no outsourcing. Enagic factory is certified to make medical devices. Each machine is hand assembled by one technician from start to finish for superior quality control.	Machines and parts originate in Korea, Taiwan or China. Emco Tech (Korea) is the source manufacturer for 80 – 90% of the other ionizers on the market. Resellers are third parties who use private labeling. Most put their name on essentially the same machines using the same parts.
<b>Company Strengths</b>	Enagic was established in 1974, is debt-free and is financially strong. Their technology is tried and true with over 40 years of experience.	Many third party companies are buying parts from the same manufacturer and assembling machines. Some third parties are only a year or two old. Most are less than 5 years old.
<b>Distribution and Education</b>	Prospects are encouraged to try Kangen Water before they purchase. Prospects are brought to an understanding of the product, the scientific evidence, the proven track record, the Enagic quality and the personal results from satisfied customers through hydration education seminars and water demos. The properties of Kangen Water will last for 48 hours or more.	No education seminars. No sampling of water before purchasing. The reason they do not sample water is that they cannot. The quality of the water produced from their machines is too low. The properties of their water do not last more than an hour.
<b>Members of the DSA</b>	Member of the DSA (Direct Selling Association). Members of the DSA are scrutinized for one full year regarding financial strength and customer satisfaction. Retail price of the product must be in line with the manufacturing quality and costs to receive DSA endorsement.	No membership in the DSA. No endorsements by physician associations. No registration as medical device. No ISO 14000 awards for protection of the environment.
<b>IRS Tax Status</b>	100% tax write off as a home-based business. Home-business tax deductions have helped many people cut their taxes by up to 30 – 50% or more every year.	No tax write off. No ongoing tax deduction benefits.
<b>Marketing</b>	Enagic has a Compliance Department to ensure accuracy and compliance with medical statements. Ethical and transparent marketing practices.	No compliance departments. Continued violation of Enagic trademarks and medical regulation. Deceitful and misleading marketing practices.