

Let's Compare Ionizers

Enagic, Tyent, Life, KYK & Jupiter

Let's Discover what they don't want you to know

- **Remember, It's not what they are telling you, it's what they're not telling you!**
- **This is a close look at the top 5 water ionizer companies and their top of the line products.**

Tyent MMP 7070

KYK Genesis

Jupiter Athena

Life Ionizer 7500

Enagic SD-501

Your Health is Your #1 Priority!

By now you should all know how important alkalizing your body is with good –ORP, micro-clustered, hexagonal water and the amazing health benefits that go with it

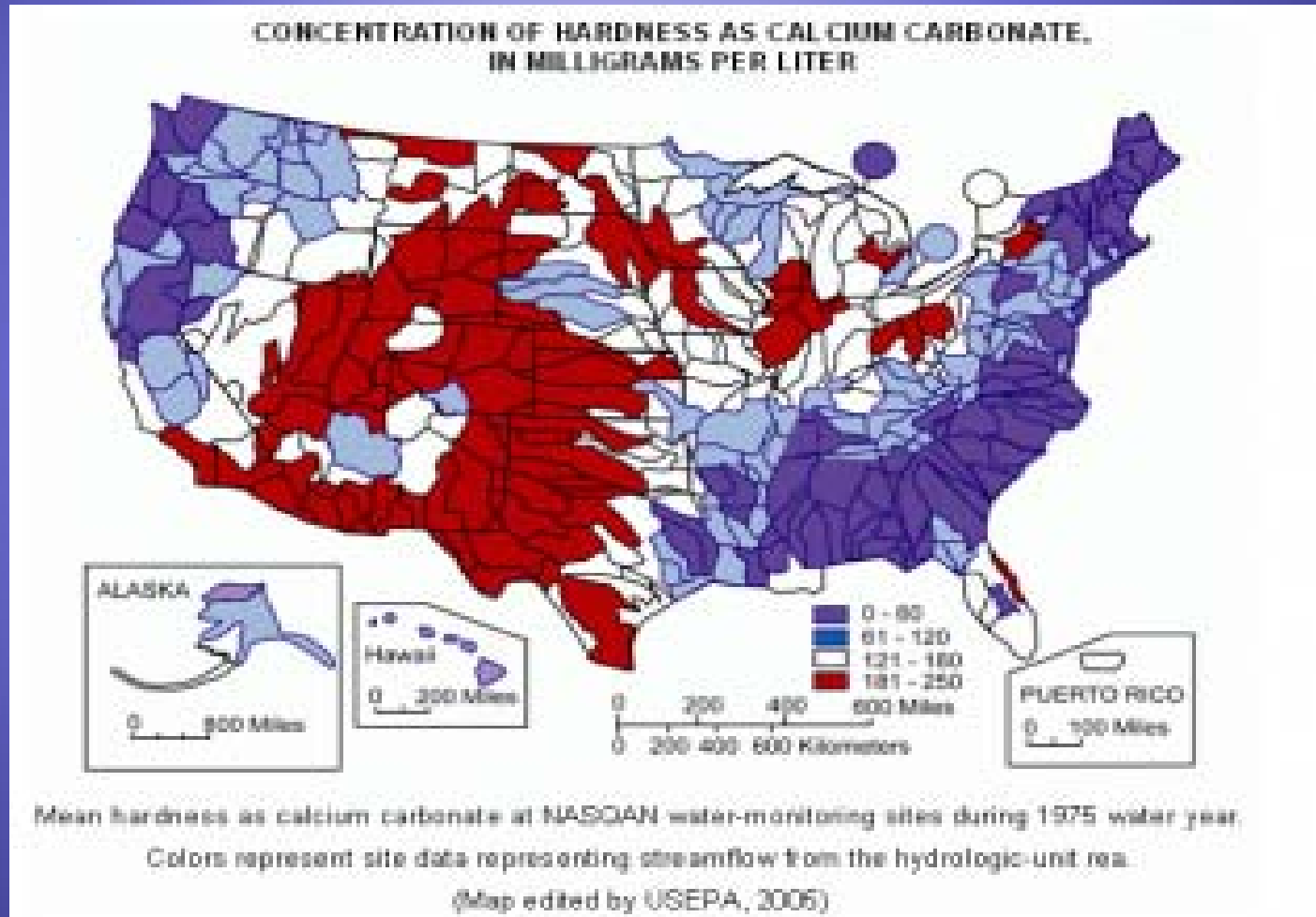
- Because it is easy to manipulate data such as -ORP values, even by using an approved ORP meter, we have intentionally left this information out. Instead, and more importantly, we will present useful and factual information based on:
 - **On Plate Size**
 - **Quality of construction**
 - **Transformers**
 - **The Fine Print in the Warranty**
 - **Other useful information**

There are 6 factors that you should consider when looking at Titanium/ Platinum plates

1. Where you live
2. The size (surface area) of the plates
3. The consistency and amount of platinum on the plates
4. Solid vs. Mesh
5. The power supply energizing the plates
6. The quality of the plates

Where do you Live?

Hard Water - An Ionizers biggest enemy!





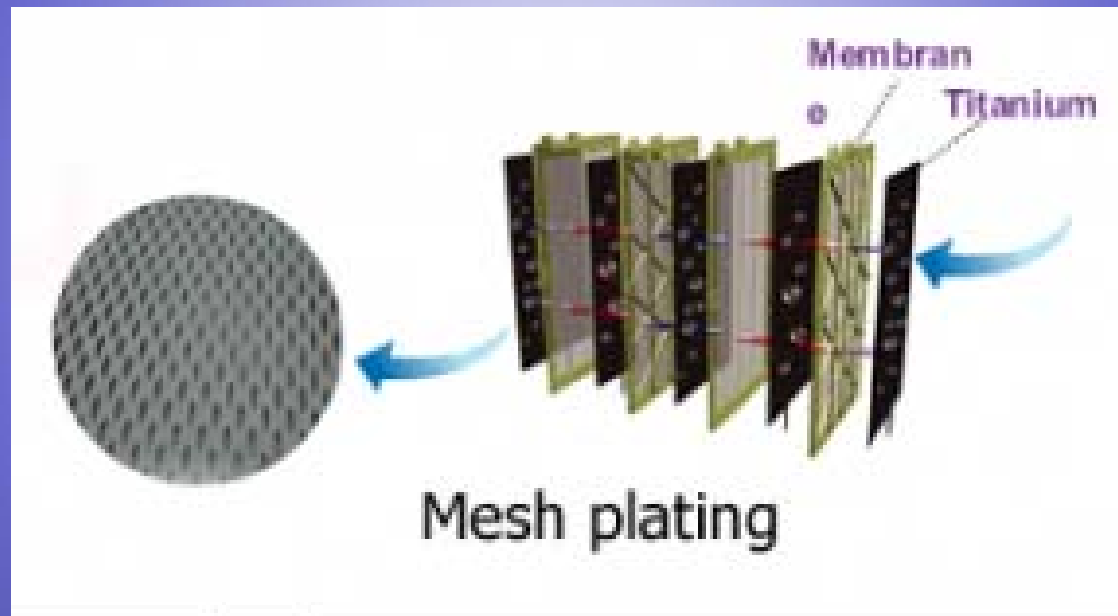
Hard water buildup without electricity

- In hard water areas, minerals and scaling build up very easily on shower heads, walls, tiles, etc. and is very difficult to remove. This is the exact same thing going on with your electrolysis plates
- Scaling is even more of a problem in the case of electrolysis plates because of the positive and negative forces that attract these particles making it very difficult to clean off especially in hard water States. If not taken care of, many electrolysis plates will and have become useless

Hard water buildup with electricity



Electrolysis Plates - Solid vs. Mesh



One of the hottest topics in the ionizer wars is the topic of ***Solid vs. Mesh***

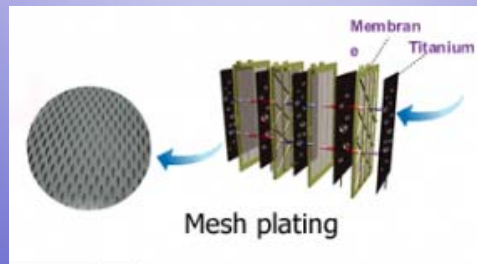
Of the 5-ionizer companies

Only one, Enagic exclusively uses solid plates

Jupiter, KYK and Tyent use mesh exclusively.

One company has it as an upgrade - Life Ionizers.

- Mesh plating is simply a process of stamping thin titanium/ Platinum plates or, to put it another way, punching holes through thin plates
- All water Ionizer companies are **Assembly Manufacturers** with the exception of Enagic. All Assembly Manufacturers, on the other hand, outsource their parts from different regions- typically Korea and Taiwan and then are assembled in Korea, Japan or other places
- Mesh plates are manufactured in Korea by Emco Tech Manufacturing, a refrigerator manufacturer, whereas solid plates are produced from Kobe Steel located in Japan



- ***Enagic (Kangen water) is the only Ionizer Company that does not outsource any of their products. They are all made in-house***

Mesh Plates

- First, they take a large thin titanium sheet (approximately 4' x 5') and spray both sides with platinum typically only spraying the platinum with one coat for one obvious reason - cost cutting! The reason behind this is that Platinum at around \$1,000 to \$1,500/ounce and is by far the most expensive part of any water ionizer **and because Emco Tech manufacturing typically comes in as the low bidder, they need to keep costs down in order to be competitive**
- Once the platinum dries, the large sheet is then cut up into smaller sheets and then a large machine stamps the solid plate creating a mesh plate, which increases the surface area of the sheet but at the detriment of the consumer
- **According to the University of British Columbia, the exposed titanium, when heated, releases particles of titanium that become “ pathogenic and disease causing” according to studies**
- Imagine this! Your number one reason for purchasing a water ionizer is so that you can get healthy by drinking the alkaline water and from day one, caustic titanium particles are entering your body. Keep this in mind! **Platinum is beneficial, Titanium is caustic!**
- The other flaw in the mesh plate manufacturing has to do with the expensive platinum being used sparingly. Again, platinum is absolutely essential in order to produce alkaline water. When it is used sparingly, the result is an inconsistent and thin layer on the plates. Over time, because of the effects of flowing water, this metal will slowly lose its effectiveness especially on mesh plating because of the peaks and valleys (holes).
- **Pictures of decayed electrolysis plates demonstrate, when water is passed over the "peaks and valleys" of the thin plates, this process causes friction thus accelerating the process of entropy or decay. The Grand Canyon is a perfect example of the decaying process by water**

The Product Warranty should protect the consumer, Not The Company!

- **Jupiter Athena** - 5-year limited parts and labor based on year 4 and 5 parts up to \$100 max with labor being in addition **The first condition is to use a reverse osmosis system if in a hard water area. If you do not use a reverse osmosis system, then your warranty becomes void.** Keep in mind that reverse osmosis systems run \$400 to \$500 and waste 4-8 gallons of water to produce one gallon of drinking water. Reverse osmosis filters remove minerals from drinking water and need to substitute minerals back into the water.
- **Life Ionizer 7500** - **A 5-year limited parts and labor.** Much like Jupiter, **The warranty becomes void if used in hard water states unless a reverse osmosis system is used.** Additionally, Life may void the warranty on other grounds. Their warranty states, "**All machines that are used for high volume applications such as weight loss/ fitness, etc...will void their warranty**" So how many gallons are considered high volume? Maybe 2.5 maybe 5 gallons a day is considered high volume. The reps won't say.
- **Tyent 7070** - **A 5-year limited parts and labor.** This warranty is limited and thus is not a full warranty.
- **KYK Genesis** - **a 5yr limited parts and labor.** This is a limited warranty. Not a full warranty.
- **Enagic SD-501** - **a full 5-year warranty based on the condition that you use the 100% organic citrus acid cleaner filter twice a year.** The 100% organic citrus acid cleaner filter is a filter that Enagic requires to be used twice a year in order to remove the mineral deposits off its titanium/ platinum plates.

Solid Plates

- Solid plates are thicker and better constructed which means many years of trouble free use and because they are solid and smooth, that reduces the tendency of calcium and other tough minerals to get wedged in or stick simply because the plates are smooth
- Only two manufacturers incorporate Solid plates -Life and Enagic. However, there is a big difference between the two companies. Life ionizers purchases their solid plates from the plate manufacturer who is the low bidder. This means that the platinum plates are sprayed and cut much like the mesh plates leaving exposed caustic titanium. Life Ionizers come standard with mesh plates and the solid plates are an upgrade feature
- Enagic, on the other hand, is not an assembly manufacturer. Enagic manufactures and assembles everything in house. The titanium plates are then dipped in platinum at the Osaka manufacturing plant. **Every conceivable part is manufactured in-house including the shipping materials.** This in return increases the quality control significantly
- Because the titanium plates are **DIPPED** into high grade platinum, there is a much heavier and consistent layer of platinum over the titanium plates. Unlike the mesh plates, there is no exposed titanium
- ***Titanium/Platinum plates are the most important feature of any water ionizer, the evidence points to Enagic's solid plates as being the most effective of the two.***

Plates and Transformers

Does size matter?

- I am sure everyone has in some way heated water on a burner or stove. Perhaps you have heated a very large pot of water in order to make spaghetti as an example. Our ultimate goal in heating the water, is to eat the spaghetti. **Is it more advantageous to place this large pot of water on a small burner or larger burner?** The obvious answer is the larger burner and more importantly a burner that is designed to handle the large pot. Of course, the same can be said of a small pot. This would require a smaller burner.
- There really is no difference when speaking of electrolysis plates and the heating element or transformer. The ultimate goal is to produce healthy alkaline water for the benefit of our health. **Large plates with large surface areas require a large heating element.** The result is a reliable system that will generate high amounts of alkaline, -ORP and micro-clustered water for years to come. **The plate size and surface area are directly related to the amount of water that can be ionized.**
- Smaller electrolysis plates along with their smaller burner will produce good levels of -ORP and alkalinity **when first pulled out of the box** but at what cost? The cost is to your health because these units will not hold up over time because a number of factors, but the most important being hard mineral deposits not to mention that the water ions are more resistant and thus less effective.

The second most important aspect affecting the electrolysis process is wattage

- The greater the power source, the greater the effectiveness of electrolysis in return producing a much greater product.
- Larger quality plates and transformers are the only way to go for a quality machine that will last years into the future.
- There are simply no gray areas here. A larger surface area combined with a greater power source is the only way to get micro-clustered, hexagonal water.
- Let's break down plate and transformer sizes of the top units by each manufacturer. Keep in mind that **one trick in the industry is to claim 7 plates**. It is not the amount of plates that are important but rather the total surface area of these plates combined. ***The larger the surface area, the better it is.***
- Keep in mind the difference between standard Transformers and **SMPS** that stands for **Switched Mode Power Supply**. It seems like most every ionizer uses SMPS as compared to conventional Transformers. The internet chatter is that Transformers are less efficient and burn hotter whereas SMPS uses a pulse that means these heating elements are more efficient and better for ionizer machines.
- Though this technology is touted to be more efficient, the effectiveness of this technology is based on reports that these units simply overheat. For example, The KYK Genesis and Tyent have **"Over Temperature Protectors"** which simply means that the "temperature detector circuit installed inside the SMPS automatically stops the device from melting". This is a technical way of saying that the SMPS overheat and will melt if not shut down.

Here is the breakdown per ionizer...

Ionizers	Surface Area	Power Source	Wattage
Tyent 7070	245 sq. in.	SMPS	85 watts
Jupiter Athena	110 sq. in.	SMPS	80 watts
Life 7500	105 sq. in.	SMPS	80 watts
KYK Genesis	238 sq. in.	SMPS	150 watts
Enagic SD-501	490 sq. in.	Transformer	230 watts

There is a lot of talk between the water ionizer companies of making strong acid and strong alkaline water

But what are the benefits and which companies are making false statements?

- In order to kill off 99.99% of all pathogens, viruses, germs and bacteria, strong acid water 2.6 pH or below must be used. **There is only one company that produces the strong acid water below 2.6pH and that is the Enagic.**
- Enagic is able to do this through their **electrolysis enhancer** tank that simply means that a sodium chloride solution is added to the water automatically when producing strong acid water. The end result is acid water that kills 99.99% of viruses, germs, bacteria, salmonella, etc.
- The amazing power behind the Strong Acid and Strong Alkaline water lies in its ability to incorporate sodium chloride, because our filter removes acid minerals to clean the water, it must add sodium chloride back in to create powerful strong acid and strong alkaline water.
- This is a picture of a person who was suffering from a skin condition that ordinary medicine was unable to cure. This person's skin condition has shown remarkable improvement as a direct result of applying strong Acid water. ***Is a machine that produces strong acid water important to you?***



Strong Acid & Strong Alkaline Water

- No other water ionizers' can do this effectively and most are not able to do it at all.

Tyent 7070 & Life Ionizer 7500- Acid water 3.0 pH and Strong Alkaline water up to 11.0 pH

KYK Genesis, and Jupiter Athena- Acid water 4.0 and Strong Alkaline water up to 10.0 pH.

Enagic SD-501- Acid water 2.5 pH and Strong Alkaline water up to 11.5pH

pH 11.5 – Strong Kangen Water

- Strong alkaline water is great for stripping the oily pesticides and insecticides off fruits and vegetables.
- The tomatoes to the right have the strong alkaline water and the ones to the left have tap water. You can see the pesticides in the water that were stripped off thanks to the strong alkaline water.



Review

- **Tyent 7070** Auto water shut off. Water supply shuts down after 5 minutes of use. This comes across as a benefit yet it is a feature that keeps the unit from overheating. **This is a big red flag that should not be overlooked.** You want an ionizer that will not shut down if at all possible. You want an ionizer that can handle what you throw at it. Assembly manufacturer. The Tyent 7070 is very large in size and may be cumbersome in the kitchen.
- **KYK Genesis** Over Temperature Protector: Circuit installed inside the SMPS automatically stops the device. Over Current Detector: Automatically stops the output of electrolytic cells. These two things are a big red flag. Again you want an ionizer you can depend on, not one that is shutting down every 5 minutes. Assembly manufacturer
- **Jupiter and Life ionizers** simply do not hold up. It should be obvious based on what has been presented thus far. As a matter of fact, they have failed miserably on all levels. Again, our objective is to discover the most reliable ionizers out there. Plus they have laughable warranties. Reverse Osmosis required
- **Enagic SD-501** produces up to 7.6 liters/ minute. (outstanding by the way) An audio voice that can be deactivated. The audio voice indicates many things such as filter change, strong acid water, pH water, etc. No auto shut off because they don't overheat. Good for large volume applications such as water stores, Self cleaning after every 15 minutes of use. Enagic recently introduced their Under the Counter model known as the SD-501U.

All Enagic production is in house. Enagic has been in business producing water ionizers for over 35 years.

The owners of other ionizer review sites are only interested in selling ionizers, any ionizer no matter if it is junk or not. Period! These ionizer review sites make the most money when they trash talk the top Ionizer, that being Enagic's SD-501

Top 10 reasons why you can be sure Enagic is the best.

- 1. The size of the plates in surface area.**
- 2. The consistency and amount of platinum on the plates.**
- 3. Solid vs. Mesh Plating**
- 4. The power supply energizing the plates.**
- 5. The quality of the plates and the machine manufacturing**
- 6. The Warranty**
- 7. The Company, ISO Certified**
- 8. The Reputation of that Company and Mr. Hironari Oshiro**
- 9. Hard water destroys every machine but Enagic**
- 10. The marketing organization behind the product**