

Batch vs. Flow through Alkalizer Systems

Remember when most food and beverages were packaged in glass containers? The Eco friendly glass, as long as it wasn't colored, could be crushed and recycled, but it was an expensive process. Then plastic was born! It was cheap, and all the food industries started using it, to the detriment of our health, our hormonal balance, and our environment. Plastic is considered to be a major pollutant today, even though some of it can be, and is recycled.

This is true with water ionizing alkalizers as well. The "real" water alkalizer industry is a direct threat to the medical industry primary profit centers of diabetes, heart disease, cancer, and many other health issues. So, one should not be surprised that there may be websites that promote untruths, false data, and twisted information.

So here is the truth

- The original alkaline water testing (+/-60 years ago) was done with a **batch system** not a flow through system. Therefore, the literature and testing results you will find regarding alkaline water are actually based on the data taken from alkaline water ***batch systems, not from flow through systems.***
- All alkaline flow through systems process the water at **1/5th of a second**. One is only interested in the effects of the ***negative charge*** and the ***50% reduction of the size*** of the ***water molecule*** that is created in the water rather than its alkalinity.
- The alkaline water batch systems process the water for 15 to 30 minutes. This is **3000 to 9000 times longer** processing time than the flow through systems! This is like using a battery charger on your car battery. The electricity trickles in for a long period of time, creating more stability. The more expensive units use better quality electrodes to produce a product that does not leach and is safer to use.
- The flow through units of today utilize two specific technologies to artificially enhance both the pH as well as the ORP with mineral/chemical methods.
 - a. Coral calcium is added in the pre-filter to increase the pH.
 - b. Tourmaline is added in the pre-filter to artificially increase the ORP (Negative charge).
 - c. So the higher pH and ORP that is created by coral calcium and tourmaline is totally different than a 100% electrically induced pH and ORP.
- The long duration of charging, also creates the water molecule to be **50% smaller**. Which is the primary reason why this water has close to **3 times the** penetration power and is able to detoxify so well.

- Batch Alkaline water systems that generate a high negative charge do not use any chemicals to induce the high negative charge or high pH. **The negative charge in the alkaline water is what really does the work in the body** by allowing the cells to let in nutrients and let out positively charged acid waste and heavy metals that have been glued to the cell walls. The alkalinity of the water is incidental and less important than the negative charge.
- **Batch type alkaline water's negative charge allows the body's highly positive charged acid waste in the cells and heavy metals to be slightly less positively charged, thus the body can cleanse itself.**
- Since the negative charge of the alkaline water is discharged at the mouth, the solution entering the stomach will **not** neutralize the stomach's acid, as the water is no longer alkaline.
- This is **not the case** with **alkaline drops**, alkaline minerals (such as baking soda or stomach antacids) and flow through machines that use special mineral filters to alkalize the water via minerals. **These alkaline solutions and mineral filters will neutralize the acids in the stomach, creating later health issues.** **Alkaline chemicals + acid chemicals = salts.** In this case, the acid chemical is one's body, and the **salts that come out of the solution will tax the kidneys** and may, over a long period of time, cause kidney stones and other stones to form elsewhere in the body.
- I know that if a person with diabetes drank alkaline water from a batch system, it would immediately start to reduce their insulin requirement. It is a safe bet that if someone drank 1 1/4 gallons of alkaline water every day (made from a batch system), within 30-45 days, 95% would lower their insulin requirements. Try that experiment with a flow through unit and see how many failures you will have.
- http://www.youtube.com/watch?feature=player_embedded&v=KyAzXrrHDKE
-

Keep in mind the working difference is negatively charged Alkaline vs. Alkaline chemicals. Negative Alkaline charged water helps the body to lower the positively charged acid waste and heavy metals, so that the cells can dispose of these waste materials easily.

Alkaline chemicals will neutralize the acid waste to form SALTS. These salts will be added waste for the kidneys to dispose of and as one ages and the kidneys lower their efficiency, the possibility of forming kidney stones rapidly goes up.