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More On Colloidal Silver Generators

by Ken Welch in Houston

The colloidal silver generator presented in this report is easy to make, and clearly shows the basic principle involved. If you are inventive and familiar with simple electricity, you may be thinking already about how to improve the design. At the top of your list is probably a way to dispense with the batteries and have something you can plug into an electrical outlet.

A majority of electronic products now come with small transformers or power supplies; those little boxy things with a built-in plug and a thin power cable that connects to your device. If the specifications written on the transformer list the output as 9 volts DC or higher, there's a good chance you can use it in place of the batteries and have a perfectly good generator. Simply take the free end of the power cable, cut off the adapter plug, separate a few inches of the two wires that form the cable, strip off some insulation, and attach the ends directly to the two silver pieces. It's not pretty but it will work.

During your first run, check the power supply to see if it is getting really warm. This is a sign that it is not handling the amount of current correctly, and you will want to try a different one.

There are many more things that would be nice to have, but you won't be able to add them as cheaply as a manufacturer can. So you'll go to a commercial unit for extra convenience and specific features you'd like to have. I've looked around the web and found some good candidates. They're listed below. I wasn't interested in anything over a $100, although I included one item over my limit simply because it was unique and interesting. They're all interesting and you may see something that you would be happy to purchase, rather than build a basic unit on your own.

Ionic Silver vs. Colloidal Silver

One word of caution! As soon as you go to the web you will be deluged with information about colloidal silver (and ionic silver) that is marked by a lot of disagreement between the various sites. There is probably some deception here, because there is intense competition between sellers.

The main conflict is what you might call "old school" vs "new school." Colloidal silver is old, Ionic silver is new. To me, they seem to be different animals, but I'm not sure one is better than the other.

Do it yourself units, and the less expensive units on the web are all old school colloidal silver makers. They are perfectly good for certain tasks:

1) killing off everything in the stomach, intestines, kidneys, bladder, etc.
2) topical applications for wounds and open infections
3) nose drops, even eye drops
4) disinfecting water, and more.

They produce silver particles that are small enough that they remain suspended in solution indefinitely, which is pretty much the definition of a colloid. Milk, for instance, is a colloidal suspension.

An ion is much smaller than a colloid, and has different characteristics. You can put trillions of ions in a glass of water and it will remain perfectly clear. Ionic minerals (which normally only come from plants) can be absorbed right into the body's individual cells very quickly. It is said that ionic silver easily enters the bloodstream where it can circulate and do good things for up to two hours before the liver filters it all out again.

This suggests that it is actually the ionic (smaller) form of silver that allows one to build up some silver in the body tissues as (we assume) protection against future infections. This is rather like taking a nutritional supplement. But until recently, no one ever suggested that people might have a silver deficiency. Now there are some hints that this might be so. Most of us are deficient in just about everything, so why not silver?

There is one nagging issue about the ionic form of silver solution that I would like to see resolved. Silver ions are known to quickly combine with the chloride ions in ordinary salt to form silver chloride. Since body fluids are mostly saline, this leaves the question of whether the ionic form of silver can be stored in the body at all, without being converted to silver chloride.

Happily enough, the classic colloidal silver generator produces ionic silver at the same time it is producing colloids, especially if the voltage is low, so all your bets are covered. The amounts produced depend on the amount of electrical current flowing through the water. Higher currents tend to blast off larger particles from the silver donor element. Low current tends to generate smaller particles, and therefore more ions.

This is one of the reasons I like to take that third battery out of the circuit once my own CS unit begins putting out that colloidal "smoke" from the donor silver bar. This brings the current down. In fact, I may even do the same for the second battery in the future. However my personal strategy remains fixed on killing microorganisms (like bird flu) in the gut, and we've already learned we can do that quickly and easily with the classic colloidal silver we've been producing at home for years.

Would a solution containing only ionic silver be able to blast its way down through the gut and kill off influenza, salmonella or E-Coli as quickly and forcefully as the colloidal silver solution does now? I don't know. I'm not sure if anyone else knows either. So for the time being I'll stick with the tried and true, and use colloidal silver for this type of emergency. Perhaps I will pick up one of these ionic silver generators when I want to experiment with enhancing my immune status in general.

Commercial Units

Let's look at some commercial offerings. As far as I can tell, all of these should do what they claim, and you are simply looking at issues of pricing, convenience, ionic vs. colloidal, etc. Ionic machines will either say they are ionic, or indicate that they use a "current limiting" circuit.

Regarding prices, keep in mind that *you may have friends who would be willing to split the cost with you.* Many people would be pleased to have a nearby source of virtually free colloidal silver solution whenever they needed some.

Just click on a picture to go to the product's website in a separate window. You might see something that you would be happy to purchase, rather than trying to build your own. Note: This list was compiled two years ago.

I have to say I'm impressed with this one. $95 (U.S. version) buys a lot of convenience, a nice design, and the option of choosing particle size by adjusting the amount of current. ; It's also made by a company with great history. ; Click on the photo to check it out.

At $99 this unit claims to shut itself off when you have achieved a desired strength, which you set on a dial that goes from one to ten. I assume they tell you what those numbers represent. This would eliminate a certain amount of guesswork. ; It is from the older school of silver making, so you'll get a mixture of colloidal and ionic particles.

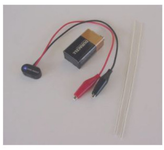
Here's an unusual design at $125 that produces the ionic form of silver particles. I find it interesting mostly because someone has put a lot of thought into what they wanted to achieve; and a lot of work into creating a product to match.

This company has a kit for turning C.S. into a GEL for use on wounds, etc.

Here's the classic battery-and-wires design, but with an upgrade. ; A current limiting circuit in the battery cap keeps the particles small, although there is no indication of the actual ratio of colloidal to ionic silver produced. ; Since it takes up to two hours to make a quart of solution, I assume that the combination of low voltage and low current is producing mostly the ionic form.

Simplicity of design and small size make it ideal for camping. Sells for $49.

Note the insulated alligator clips used to connect to the silver.



For economy, $55 and $42 are hard to beat. These are made by a veteran campaigner for classic colloidal silver, T.J. Wiggins in Arizona. They are very straightforward; simply a power supply that plugs into the wall, with silver wires attached to a connector at the other end of the cord.

T.J. is "old school" and advocates gathering up all the loose silver ions and persuading them to clump together until they reach the larger colloidal size range. His secret for doing this is to add a very tiny amount of Vitamin C to the freshly made solution.

This is by far the most clever design for a CS unit that I've ever run across. It is from T.J. Wiggins also, who was once known as Johnny Silverseed for his work in spreading the word. These little guys get their power by simply plugging into a telephone jack! Looks like you can make a good-sized dose of CS in about a minute and half. You can get two of them for $14. (You will want to pick up a telephone extension cord!)

You can even get one for free if you order a copy of T.J.'s 1999 book, Colloidal Silver ...@ntibiotic Superhero, for $16.50.

I have not done business with any of these companies but they all look fine to me.

I believe it is vital that you obtain a supply of colloidal silver solution before we have to confront the long-promised pandemic. I also think there is a terrific advantage in being able to make your own, any time you want, and in any amount you want. So please invest some time and a few dollars in giving yourself, your family, and others you may care about this terrific protection.

Ken Welch

Note: After writing this report, I purchased the RSG-3 Unit (top) and have been quite happy with it.

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