



The Silver Pulser

What the Silver Pulser is



The Silver Pulser has two functions:

Micropulsing to help stimulate the body's natural electricity for greater energy and well-being. An energy-giving system that can be used while at home, at work or at play.

Make your own Silver Electrolyte, Nature's Germ Fighter. You can easily and inexpensively make Ionic~Colloidal Silver.



Model: SP7

Price: \$280.00 USD
Accessories are Included

SOTA Basic Wellness Kit -

Model KBW: \$936.00 USD

The SOTA Basic Wellness Kit includes: 1 Silver Pulser SP7, 1 Magnetic Pulser MP6 and 1 Water Ozonator WOZ5.

SOTA Wellness & Relaxation Kit - Model KWR: \$1161.00 USD

The SOTA Wellness & Relaxation Kit includes: 1 Silver Pulser SP7, 1 Magnetic Pulser MP6, 1 Water Ozonator WOZ5 and 1 Bio Tuner BT9.

SOTA Premium Wellness Kit - Model KPW: \$1734.00 USD

The SOTA Premium Wellness Kit includes: 1 Silver Pulser SP7, 1 Magnetic Pulser MP6, 1 Water Ozonator WOZ5, 1 Bio Tuner BT9, 1 LightWorks LW2 and 1 LightWorks Hand Paddle Set HPLW2.

Micropulsing

What Micropulsing is

The Silver Pulser is uniquely designed to apply a gentle pulse of electricity (microcurrents) to the body.

What Micropulsing does

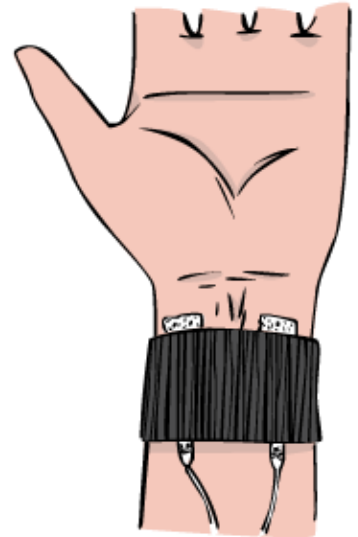
Research today is recognizing how our bodies operate electrically. Our bodies depend on our natural electrical system.

The gentle flow of electrons helps restore the body's natural electricity. Many people report an increase in energy within days of applying the Silver Pulser for microcurrents.

How to use Micropulsing

The Silver Pulser offers a unique way to deliver microcurrents. Electrodes are placed on the wrist over the two pulse points. It is recommended to use the unit for two hours daily for at least 6 to 8 weeks. The physicist who developed the original unit, carefully calculated the Micropulsing function to deliver microcurrents.

For more detailed instructions, watch the following How-to Video or read *The SOTA Products User Guide* and the Product Manual.



How-to Video
Product Manual

The SOTA Products User Guide

This Guide offers tips and suggestions for each of the SOTA Units:



- Just starting out? See *Recommendations Before You Begin*.
- Using more than one Unit? You'll find tips to help.
- Wondering how to Integrate the Units for your Wellness? There are recommendations for a *Basic Wellness Program* and a *Focused Wellness Program*.
- Embracing Wellness? You'll find tips for an *Ongoing Wellness Program*.

The SOTA Products User Guide

Le guide des produits SOTA

La Guía de productos SOTA

Making Ionic~Colloidal Silver

What Ionic~Colloidal Silver is

With the Silver Pulser it is easy and inexpensive to make one of nature's gifts—a silver electrolyte. A long history of use has proven the germ-fighting benefits of Colloidal Silver. It is the key ingredient in salves for severe burns and major bandage manufacturers have added Ionic Silver to reduce infection and promote healing. Silver is used in water filters on spacecraft, airplanes, and in the home.

What Ionic~Colloidal Silver does

Silver inhibits the growth of germs. Ionic~Colloidal Silver can be used topically as well as taken internally.

SOTA had an independent lab perform "Antimicrobial Effectiveness" tests. This determines whether an Ionic~Colloidal Silver electrolyte is an effective disinfectant for sanitizing pre-cleaned, nonporous food contact surfaces. In addition, tests were conducted to test the effectiveness of an Ionic~Colloidal Silver electrolyte to sterilize water.

Laboratory Tests

How to Make Ionic~Colloidal Silver

We provide a guide for making from two cups (500 ml) to one gallon (4 liters) at a time.

How-to Video

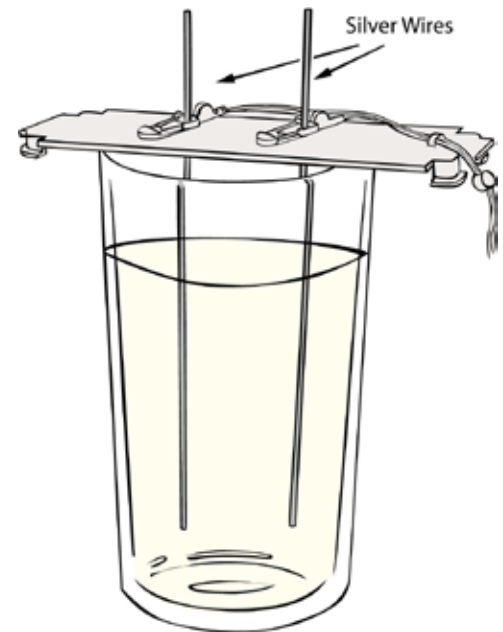
How-to Make

How to Use Ionic~Colloidal Silver

For ongoing use, it is suggested to sip one ounce a day. Many people drink several ounces throughout a day for a few weeks. For faster absorption, occasionally, use a dropper to squirt into the nose or spray with an atomizer. Holding the silver electrolyte under the tongue before swallowing also allows for faster absorption.

We also provide ideas for many topical uses for Ionic~Colloidal Silver.

Ways to Use Ionic~Colloidal Silver



Accessories Included

- One (1) Carrying Case
- One (1) Product Manual

Micropulsing Function Accessories

- One (1) Micropulsing Cord
- Two (2) Pair Rubber Probes
- Six (6) Pair Cotton Sleeves
- One (1) Arm Band with Clip
- One (1) Neoprene® Velcro® Wrist Strap
- One (1) 50 ml Dark Glass Dropper Bottle
- One (1) 9-Volt Alkaline Battery



Ionic~Colloidal Silver Function Accessories

- One (1) Silver Wire Holder
- Two (2) Silver Wires .9999 (4 Nine) Purity, 8 inches (20 cm), 14 AWG (1.62mm dia.)
- One (1) Green Scrubber Pad

Optional Accessories

- Wall Adaptor

To save on batteries, a Wall Adaptor can be used to make Ionic~Colloidal Silver. The Wall Adaptor that comes with other SOTA units can be used or you can purchase a Wall Adaptor from SOTA. We stock Wall Adaptors with blades for North America, Asia, UK, Europe and Australia. Please specify the type of blade required when ordering.

Share Your Experience

Sharing your Experience with the SOTA products helps others.

Share

Features for Micropulsing

1. The Silver Pulser conforms to the specifications of the physicist who designed the technology. The unit operates with a nominal 31 Volt Peak, Bi-Phasic Square Wave, with

a frequency of 3.92 Hz per half cycle, +/- 1 Hz. (Each half cycle outputs 1/2 the Earth frequency of 7.83 Hz.)

2. An internal booster circuit is used to output the 31 Volts from only one 9-Volt battery. This feature keeps the Silver Pulser small and light.
3. The unit operates at a constant voltage as the battery weakens. This feature ensures the voltage does not decrease as the battery wears out.
4. The Micropulsing electrodes are made from conductive rubber.

Features for Ionic~Colloidal Silver

1. There is an option to use an AC/DC Wall Adaptor or Solar Panel to make Ionic~Colloidal Silver. This feature saves on batteries. For use with an appropriate Solar Panel it is necessary to purchase a Universal Power Cord with tip positive from an electronic store.
2. The silver wires are .9999 (4 Nine) Purity, 8 inches (20 cm), 14 AWG (1.62mm dia.).

Purity Document

3. The silver wires are easy to install and replace. The Silver Wire Holder with the SOTA unit enables the wires to be interchanged for longer life.
4. Constant-current for the Ionic~Colloidal Silver function. This is the preferred method to make Ionic~Colloidal Silver as the water can be at room temperature. When made using distilled water, the result is an electrolyte that is largely ionic. Ionic means the particle size remains small.

Features for both functions

1. LED lights indicate: a) the unit has sufficient power and b) the circuits are operating properly.
2. The unit comes in a custom-made cloth carrying case with all accessories needed, including a 9-Volt Alkaline battery. See accessory list below.
3. The SOTA Upgrade Program: Purchasing a SOTA product entitles you to upgrade your original model to the newest model - at any time - at a discount of up to 50%.

SOTA Upgrade Program

4. The Silver Pulser is covered by a three (3) year warranty.
5. The Silver Pulser is CE certified. This is a European standard that indicates an electronic unit conforms to essential safety requirements to operate as a household consumer product.

6. The Silver Pulser is also RoHS Compliant. This is a European standard that restricts the use of 6 hazardous materials, including lead, in electronic and electrical equipment.

Do Not Use

1. In the following situations as safety has not been explored using the Micropulsing function:
 - In the case of pregnancy.
 - With an active implanted device such as a pacemaker, etc.
2. As with all electrical products, do not use near water, when driving a car or when operating heavy equipment.
3. Do not connect the Micropulsing Cord or the Silver Wire Holder to any other USB outlet, such as a computer or power supply. Do not plug any other USB connections into the Silver Pulser, other than the Micropulsing Cord and the Silver Wire Holder.

Cautions

Micropulsing Cautions

1. Do not place the Micropulsing Rubber Probes over skin lesions, abrasions, new scars, cuts, eruptions or sunburn.
2. Do not use if the Micropulsing suddenly feels different or prickly **and** the YELLOW light stops flashing. Turn the unit OFF immediately and contact SOTA.
3. Caution is advised if using potentially harmful substances such as recreational and prescription drugs, as it is not known if microcurrents will interact or if individual reactions may occur.
4. Caution is required in the following situations as a burn may occur, which could scar:
 - a. Do not apply the bare metal pins to the skin.
 - b. Allowing the Cotton Sleeves to dry out while Micropulsing.
 - c. Sleeping while Micropulsing, as the Cotton Sleeves may dry out.

Cautions for Ionic~Colloidal Silver

1. We recommend taking occasional breaks from consuming Ionic~Colloidal Silver for two reasons:
 - Growth of healthy bacteria in the gut may be slowed. It may be wise to supplement with a probiotic (friendly bacteria) to replenish the gut from time to time.

- A handful of people have experienced argyria after drinking large amounts of Ionic~Colloidal Silver daily, over a long period of time. Argyria is a bluish tinge of the skin. This occurs when excess silver is eliminated through the skin and exposed to light. Darkening of the moons of the finger nails is usually an early sign.

The risk of argyria is considered greater for those who are ingesting incorrectly made Ionic~Colloidal Silver and to a lesser degree, those who are deficient in selenium or vitamin E.

When making and drinking Ionic~Colloidal Silver as currently recommended by SOTA, the risk of argyria is extremely rare. Please see www.sota.com/manuals.

More

General Caution

While this technology is generally considered safe, there exists potential for rare individual reactions that cannot reasonably be foreseen. Therefore, your use of the SOTA Products constitutes your agreement that you are responsible for your decision to use the technology.

Frequently Asked Questions

For an answer to any of the following, visit www.sota.com/faq.

Micropulsing

What tips will help me get the most benefit from my Silver Pulsar?

What can be done to reduce skin irritation on the wrist?

Why can't I feel the current on my wrists?

Can the Silver Pulsar be used for more than 2 hours per day?

Why were the silver and copper electrodes replaced with conductive rubber?

Are there any food or supplement restrictions while Micropulsing?

Are there any prescription drug restrictions while Micropulsing?

What is the best way to use the Silver Pulsar with the other SOTA units?

Is it okay to apply Micropulsing to animals?

I've heard electricity can be harmful. Why is this unit beneficial?

How long should the battery last?

Where is the Silver Pulsar manufactured?

Do you have any testimonials about the benefits of using the SOTA units?

Can the SOTA Products be used together?

Are the SOTA Products approved or licensed by any governments?

Ionic~Colloidal Silver

What tips will help me get the most benefit from my Silver Pulser?

How much Ionic~Colloidal Silver should or can be taken daily?

Does Ionic~Colloidal Silver affect the friendly bacteria in the gut?

Will Ionic~Colloidal Silver purify water?

What is argyria?

What is the difference between Ionic~Colloidal Silver, Ionic Silver, Colloidal Silver and Nano Silver?

What are the different methods for making Ionic~Colloidal Silver?

Do I have to use Distilled Water?

How do I know I have made Ionic~Colloidal Silver correctly?

When do I need to replace the Silver Wires?

Can I make colloidal gold or copper, with the Silver Pulser?

Is it okay to give Ionic~Colloidal Silver to animals?

Product Manual

Each unit comes with a manual that explains how to use the unit. A selection of translated manuals as well as manuals for Earlier Models are available for download on the Manuals & Videos page.

*Current Model
Manuals & Videos*

Electrical Specifications

Power Requirements

The SOTA Silver Pulser is powered by a 9-Volt Alkaline battery.

Note: Alkaline batteries are required for proper operation.

External Power Supply

A wall adaptor can be used when making Ionic~Colloidal Silver. Only battery operation can be used for the Micropulsing function. For the Ionic~Colloidal Silver function, use a wall adaptor with an output from 6 to 12 Volts DC with **Tip or Center Positive** that supplies at least 500 mA (milliamperes) of current. The wall adaptor that comes with other SOTA units can be used.

CAUTION: Do not use an adaptor with Tip or Center Negative or incorrect electrical specifications. This will void the warranty.

Other Power Sources

The Micropulsing and Ionic~Colloidal Silver functions of the Silver Pulser can also be operated using rechargeable batteries. When purchasing rechargeable batteries, it is suggested to take the unit with you to ensure the batteries fit the enclosure as rechargeable batteries are not all the same size.

With an additional attachment, the Ionic~Colloidal Silver function can be operated from a 12 Volt DC automobile battery or an appropriate Solar Panel. Purchase a Universal Power Cord with tip or center positive from an electronics store for this purpose.

Output Specifications

- The output voltage is a nominal 31 Volts.
- Micropulsing Application – Frequency through electrodes is ~ 3.92 Hz, $\frac{1}{2}$ of the Earth Schumann frequency of 7.83 Hz, (+/- 1 Hz) with a Bi-Phasic Square Wave @ 31 Volts (+/- 1 Volt) peak per cycle. Maximum current through the electrodes is ~ 8 milliamperes into 1,000 ohms, ~ 12 milliamperes into a short circuit at 31 Volts peak per cycle.
- Ionic~Colloidal Silver Generator with Constant Current Output – The maximum current through the Silver Wires is 1.5 milliamperes (+/- 0.5 mA) at 31 VDC compliance voltage when the Silver Wires are touched together to short the circuit.

Troubleshooting

If you experience a problem with the Silver Pulser, please check our troubleshooting guide. Most problems can be cleared using this guide.

Troubleshooting Guide Micropulsing
Troubleshooting Guide Ionic~Colloidal Silver
Earlier Models

Countries that Participate in Manufacturing

The manufacturing of the SOTA Products is a global collaboration. The following countries participate in the making of the Silver Pulser (listed in alphabetical order): **Canada, China, Hong Kong, Malaysia, Mexico, South Korea, Taiwan and the USA.** Our units say Made in China because China is the last step in the assembly of the units.

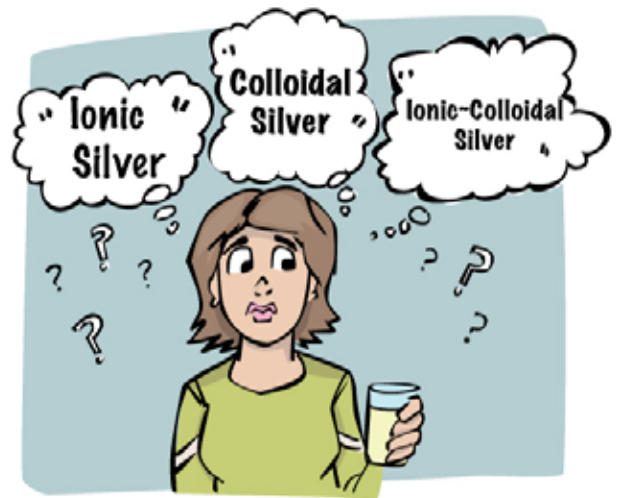
We are grateful that the people in all of these countries help us to produce quality products at reasonable prices for our customers.

Warranty

The Silver Pulser is covered by a three (3) year parts and labor warranty on all internally mounted components.

How to Compare

There are a number of Microcurrent and Colloidal Silver Generator units on the market today – some are based on the same technology as the SOTA unit, while others use a different approach. Because of the number of units available, it would be impossible for us to comment and compare them fairly and accurately to our own unit. We can, however, offer a few guidelines that may be helpful when you are comparing units to our Silver Pulser.



Comparing Units