



ADVENTURER Opti User's Guide

PERFORM BETTER. PACK LESS.

Thanks for choosing the SteriPEN® Adventurer Opti and congratulations on your purchase.

Adventurer Opti is built to be safe, simple and straightforward. If, after reading this guide, you have any questions please don't hesitate to call us at 1-888-826-6234. We love hearing from you.

Also, be sure to visit us online and register your Adventurer Opti for all the latest news and special deals.

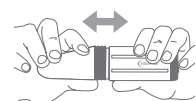
Thanks again and happy travels from your friends at SteriPEN.

P.S. Don't forget to recycle the packaging.

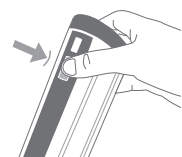


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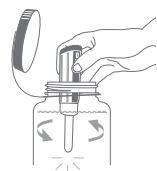
EASY TO USE



STEP 1
Remove lamp cover.
Pull straight off and away from the lamp.



STEP 2
Press activation button.
1x for 1 liter treatment, 2x for 0.5 liter treatment.



STEP 3
Submerge and stir.
Ensure blinking water sensor is immersed. UV lamp will illuminate.

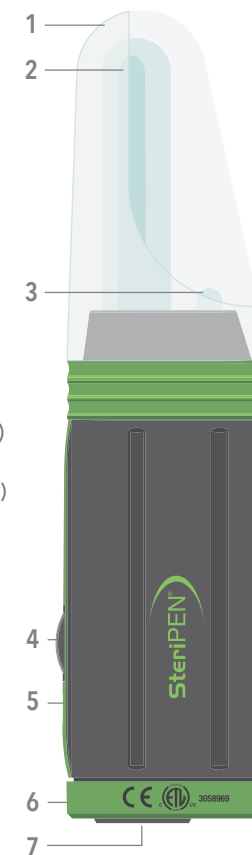
Water sensor will flash.

When lamp turns off, LED indicator will display treatment success or failure (see "Adventurer Opti LED Indicator Guide section").

After purifying, be sure to wipe bottle threads dry before drinking.

ADVENTURER OPTI'S ANATOMY

- 1 Lamp cover
- 2 UV lamp
- 3 Optical water sensor
- 4 Activation button
- 5 Indicator LED
- 6 Battery compartment cap
- 7 Battery compartment screw



SPECIFICATIONS

Treatment size: 0.5 or 1 liter
Treatment time: 48 or 90 seconds
Lamp life: 8,000 activations
Treatments per set of batteries:
up to 50 (30 with rechargeables)
Minimum bottle opening: 38mm
Weight: 103g (including batteries)
Size: 155 x 40 x 24mm

FLASHLIGHT

Turn on/off flashlight by holding down activation button for 3 seconds. Flashlight will turn off automatically after 3 minutes.

CARE & CLEANING

While Adventurer Opti's battery compartment is designed to be highly water-resistant, it is *not waterproof*. Avoid submerging Adventurer Opti's battery compartment end in water.

Adventurer Opti's performance may be adversely affected by cold weather. In temperatures below 32°F/0°C carry the unit close to your body or warm up batteries before use. If batteries are too cold, Adventurer Opti's LED indicator may give low battery signal. Warm up batteries and treat again.

Make sure to wipe dry after each use.

When not in use, Adventurer Opti should be kept in a safe place that is clean and dry. It should not be exposed to temperatures above 120°F/49°C or below -4°F/-20°C. Also, when storing Adventurer Opti for prolonged periods, remove batteries to avoid draining them while not in use.

To clean Adventurer Opti, wash with a soft cloth and a mild soap solution. Rinse soap from device and dry with a clean, soft cloth.

If Adventurer Opti's bulb is cracked, chipped or damaged, don't use it. Return it to the store or contact us for repair. Email us at support@steripen.com or call us at 1-888-826-6234 for help. *Do not try to fix it yourself.*

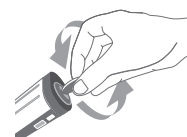
SAFE DRINKING WATER.
ANYWHERE. ANYTIME.



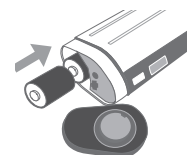
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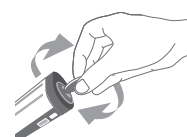
BATTERY GUIDE



STEP 1
Loosen battery compartment screw to open battery compartment.



STEP 2
Install two CR123 batteries with polarities as shown.



STEP 3
Tighten coin screw on end cap until snug. Do not overtighten.

Adventurer Opti runs on lithium disposable CR123 or rechargeable RCR123 batteries.

For best results, always use quality, name brand batteries.

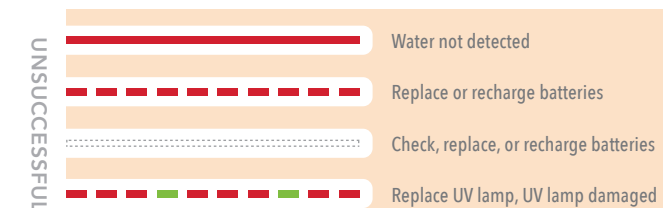
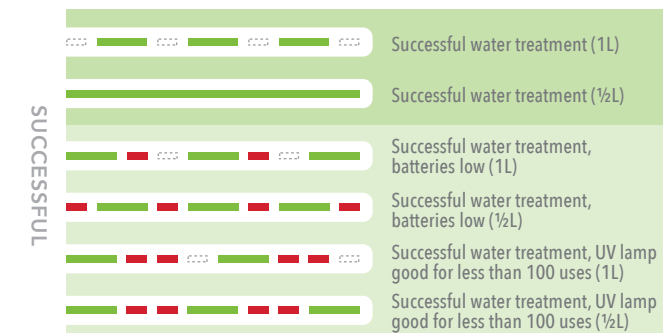
To avoid battery performance being affected by cold weather, carry them close to your body to keep them warm.

LED INDICATORS

PRE-TREATMENT (repeating sequences)



POST-TREATMENT (repeating sequences)



If LED indicators show normal signals, but the lamp does not illuminate, do not consume. Contact SteriPEN® support.

TIPS FOR SAFE USE

Adventurer Opti is intended for use, and is most effective in **clear water** but can also be used to treat turbid, murky or cloudy water in an emergency. By doubling treatment time (treating the volume of water twice), Adventurer Opti can treat water that might be described as: *“much closer to clear than opaque,” “obviously not clear,” “obviously cloudy,” “objects viewed through the water are visible but slightly blurry,” or “as cloudy as weak lemonade.”* For best UV purification results, if the water is less clear, filter it first with the SteriPEN® PreFilter, FitsAll Filter® or other method.

Adventurer Opti is not designed to treat volumes of water larger than one liter. If more than one liter needs treatment, the water should be divided into ½ liter and one liter volumes and treated separately.

When operating properly, the UV lamp will emit visible light as well as UV light. If the lamp is not emitting visible light, it is not functioning properly and should not be used until it has been repaired.

Agitation of water by stirring Adventurer Opti or rocking the container is necessary, as it promotes uniform purification.

Adventurer Opti is not intended to purify water above the surface of the water in the container, such as droplets on the sides of the container.

Adventurer Opti is not intended to purify surfaces of a drinking container, like the mouth of the bottle. Be certain that you always wipe the bottle’s mouth dry with a clean, dry cloth before drinking.

Adventurer Opti may be used in glass, plastic, ceramic, or metal containers, as they all absorb or reflect UV light, thereby shielding the user from UV exposure.

Adventurer Opti is not intended for use by children.

Adventurer Opti is a high voltage device. Removal or tampering with the electronic circuit board or lamp assembly may cause injury, or damage. Do not open, expose, modify, or touch internal circuitry; doing so can lead to high voltage shock.

As with other fluorescent-type lamps, Adventurer Opti contains a small amount of mercury. At the end of its life, please dispose of Adventurer Opti properly. For specific instructions contact your local waste disposal organization.

Adventurer Opti is not intended to treat liquids other than water. Do not use in water with ice. Do not use in water above 120°F/49°C.

As with any other water treatment system, always have a backup method.

While carefully controlled microbiological testing of all SteriPEN® products has been conducted, use of all SteriPEN® products in the field may produce results that vary from our laboratory test data.

CAUTION

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

Do not attempt to bypass water sensor; it is an important safety feature.

Do not handle SteriPEN® with wet hands; do not touch water sensor pins with wet fingers.

⚠ **This device emits UV light, direct exposure may be harmful.**

⚠ **Do not use UV lamp as a light source.**

⚠ **Do not use near skin, eyes, or insert into bodily orifices.**

FREQUENTLY ASKED QUESTIONS

Get in touch! We are always happy to hear from you: visit www.steripen.com, email info@steripen.com or call **1-888-826-6234**.

How many treatments can I expect to get from fully charged batteries?

With disposable batteries you can expect around 50 full-liter treatments. Rechargeable batteries will provide around 30 full-liter treatments. Be sure to always use quality batteries from reputable companies like Energizer, Sanyo or Panasonic.

Why am I getting a blinking red LED and no light from the UV lamp?

Check your batteries. SteriPEN® products are high-powered devices that require good, strong batteries to run the UV lamp.

It looks like the tip of Adventurer Opti’s lamp is melting – is this normal?

What you are seeing is a small bead of silicone used as a shock absorber to protect the lamp.

What happens when I’ve used Adventurer Opti 8,000 times?

Adventurer Opti’s LED indicator will flash red three times then green once to indicate that its bulb is exhausted. Contact us to have it replaced.

Adventurer Opti’s bulb is shining a purple, rather than blue light – is it still working?

Yes. The visible light indicates that the bulb is working regardless of its color.

Can I take Adventurer Opti on a plane?

Yes. Adventurer Opti and all SteriPEN® products are allowed in carry-on bags, as well as checked luggage.

Does altitude affect Adventurer Opti’s ability to purify water?

No. SteriPEN® products have been tested and used on Mount Everest for years. Cold temperatures, however, can affect performance, so keep warm them before use.

Can I use Adventurer Opti to treat more than 1 liter at a time?

No, we do not recommend it. Adventurer Opti’s effectiveness is ONLY tested and certified for volumes up to 1 liter.

What about parasites like worms and their eggs? Does Adventurer Opti treat for them?

Due to animal testing restrictions, Adventurer Opti’s effectiveness against such parasites has not been certified.

Can Adventurer Opti treat soda? Iced tea? Juice?

No. UV light will not effectively destroy microbes in beverages other than water.

PATENTED & CERTIFIED

SteriPEN® technology is patented in the USA with further U.S. patents pending and patents pending worldwide. SteriPEN® is a registered trademark of Hydro-Photon, Inc. U.S. Patent Numbers 5,900,212; 6,110,424; 6,579,495; and 8,362,432.

Conforms to UL Std 61010-1
Certified to CSA Std C22.2 No. 61010-1



Water Quality Association: SteriPEN® tested and Gold Seal certified by WQA against U.S. EPA Microbiological Water Purifier Standard.

THE FINE PRINT

Directions for Use 40 C.F.R. §156.10 (i) (2) (ii)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SteriPEN® exceeds U.S. EPA Guide Standard and Protocol for Testing Microbiological Water Purifiers, destroying over 99.9999% of bacteria, 99.99% of viruses, and 99.9% of protozoa when used as directed. SteriPEN® is not a sterilizer.

3-year limited warranty when purchased from an authorized dealer. For product registration and complete warranty information, please visit www.steripen.com/warranty or contact your local distributor.

While carefully controlled microbiological testing of Adventurer Opti has been conducted, use in the field may produce results that vary from our laboratory test data.

CAN ICES-3(B)/NMB-3(B)

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment under FCC rules.



OPTIONAL ACCESSORIES

Check out these other great products from SteriPEN® to help you get the most out of your next adventure.



Drink the water, but filter it first.
The SteriPEN® FitsAll Filter® mates with most wide-mouthed reusable water bottles to filter out leaves, dirt and particulates. Lightweight and easy to use, it will help ensure optimal UV purification.



Always be prepared.
With lightweight Replacement Filter Cartridges you never have to worry about what’s getting into your water. The 40 micron screen catches debris and helps your SteriPEN® be as effective as possible.

Visit www.steripen.com or call 1-888-SteriPEN® to learn more.