

Steripen Ultra

User Guide



Meet Ultra, the purifier that smiles back!



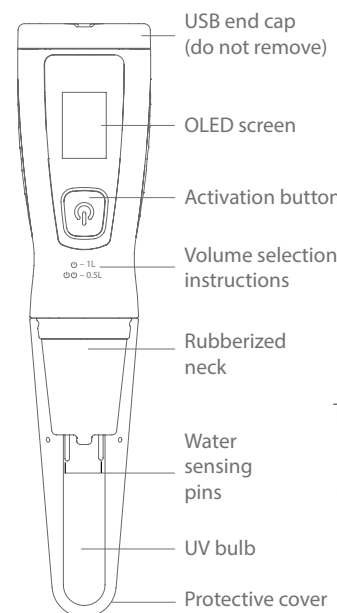
Thanks for choosing the Steripen Ultra and congratulations on your purchase of the world's most advanced portable UV water purifier!

Ultra is built to be simple, straightforward and safe. If after reading this guide you have any questions, please don't hesitate to email us help@katadyn.com. We love hearing from you!

Thanks again and happy trails from your friends at Steripen!

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

Ultra's Anatomy



Specifications

Treatment size: 0.5 or 1 liter
Treatment time: 48 or 90 seconds
Lamp life: 8,000 treatments
Treatments per charge: up to 50
Minimum bottle opening: 20mm
Weight: 140.7g
186 x 42x 33mm

Note: Internal Li-ion battery is recharged via micro USB port and included cord

OLED Display Key



— Treatment success/failure
— Treatment status
— Treatment volume
— Battery status

Ultra Charging Options

Ultra's USB-rechargeability offers a variety of recharging choices. Power up from an electrical outlet, a computer's USB port or a portable solar panel.

From an outlet (2-3 hours)

Attach the USB cord to a wall adapter's USB port and plug both into a wall outlet. Plug the cord's micro USB end into Ultra's micro USB port and place it on a secure surface.

From a computer (3-5 hours)

Plug the USB end of the included cord into a computer's USB port and connect Ultra via the micro USB end of the cord. Make sure that the computer is connected to a power source and doesn't go to sleep during charging.

From a solar charger (depends on charger)

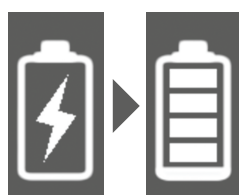
Connect Ultra to a solar charger via the USB cord and position the solar charger so that it is directly exposed to the sun. Reposition the solar charger during the day for best performance.

SAFE DRINKING WATER.
ANYWHERE. ANYTIME.

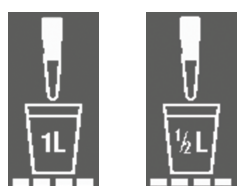


Katadyn North America
4380 Azelia Ave. N
Minneapolis, MN 55429
help@katadyn.com
www.katadyn.com

Easy to Use



Before using
Charge battery.
From a wall outlet or computer's USB port.



Step 1
Push button.
1x for 1 liter,
2x for 0.5 liter.



Step 2
Place lamp in water.
Submerge metal sensor pins.

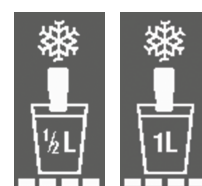


Step 3
Stir until you see the smile.
Dry bottle mouth before enjoying.

Getting to know Ultra



Ultra wasn't in the water long enough to make it safe. Make sure the water sensors stay fully submerged throughout the whole treatment.



It's cold out and Ultra needs to warm up. A treatment will take a little extra time while the bulb reaches the right temperature. This feature adds a few seconds to ensure safe treatment.



Ultra didn't have enough power in its battery to safely treat the water. Charge and try again.



Ultra couldn't treat the water because either the lamp is completely used up or it has been damaged.



The water is safe to drink! Ultra's bulb has around 75% of its life left (approximately 6,000 treatments) and its battery is roughly 75% full.



The treatment was successful but Ultra's UV bulb is near the end of its life and has fewer than 100 treatments left.

If Ultra's battery is charged, you are carefully following the operating instructions and Ultra still isn't working, it might need professional repair work. Either bring Ultra to your local dealer or get in touch with us at 1-888-826-6234. Do not try to fix Ultra yourself.

Tips for Safe Use

Ultra 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), Ultra 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 blurry,” or “as cloudy as weak lemonade.” If the water is less clear, filter it first with the Steripen® PreFilter, FitsAll Filter® or other method for best UV purification results.

Ultra 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 Ultra or rocking the container is necessary, as it promotes uniform purification.

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

Ultra 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 with a clean, dry cloth before drinking.

Ultra 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.

Ultra is not intended for use by children.

Ultra 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.

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

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

Ultra 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.

Do not use UV lamp as a light source.

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

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.

Do not use in any manner other than instructed in this User’s Guide.

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.

Is it bad if I unplug Ultra before charging is complete?

No. You will not damage Ultra’s circuitry or memory by unplugging it before its charging cycle is complete.

How many treatments can I expect to get out of a fully charged battery?

Around 50 full-liter treatments.

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

Ultra will display the sad face and crossed-out bulb icon to indicate that your bulb has reached the end of its life.

Ultra’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 Ultra on a plane?

Yes. Ultra and all Steripen products are allowed in carry-on bags, as well as checked luggage.

Does altitude affect Ultra’s ability to purify water?

No. Steripen technology and product design have been tested and used on Mount Everest for years.

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

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

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

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

Care & Cleaning

While Ultra’s battery compartment is designed to be highly water-resistant, it is not waterproof. Avoid submerging Ultra’s USB end in water.

Make sure to dry Ultra after each use.

When not in use, Ultra should be kept in a safe place that is clean and dry. It should not be exposed to temperatures above 140°F/60°C or below -4°F/-20°C.

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

When storing Ultra for prolonged periods, occasional recharging (every 3–6 months) will help maintain good battery health.

If Ultra’s bulb is cracked, chipped or damaged, don’t use it. Email us at help@katadyn.com. Do not try to fix it yourself.

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 Katadyn North America, Inc. U.S. Patent Numbers 5,900,212; 6,110,424; 6,579,495; and 8,362,432.

Compliance testing of Steripen Ultra for the CE mark and BV logo was successfully completed by Bureau Veritas.

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)
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 40 C.F.R. §156.10(i)(2)(ii)
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 warranty for any manufacturing defect. For product registration and complete warranty information, please visit www.steripen.com/warranty or contact your local distributor.

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

