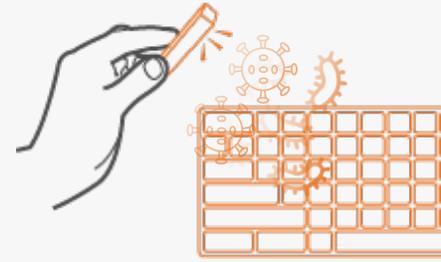


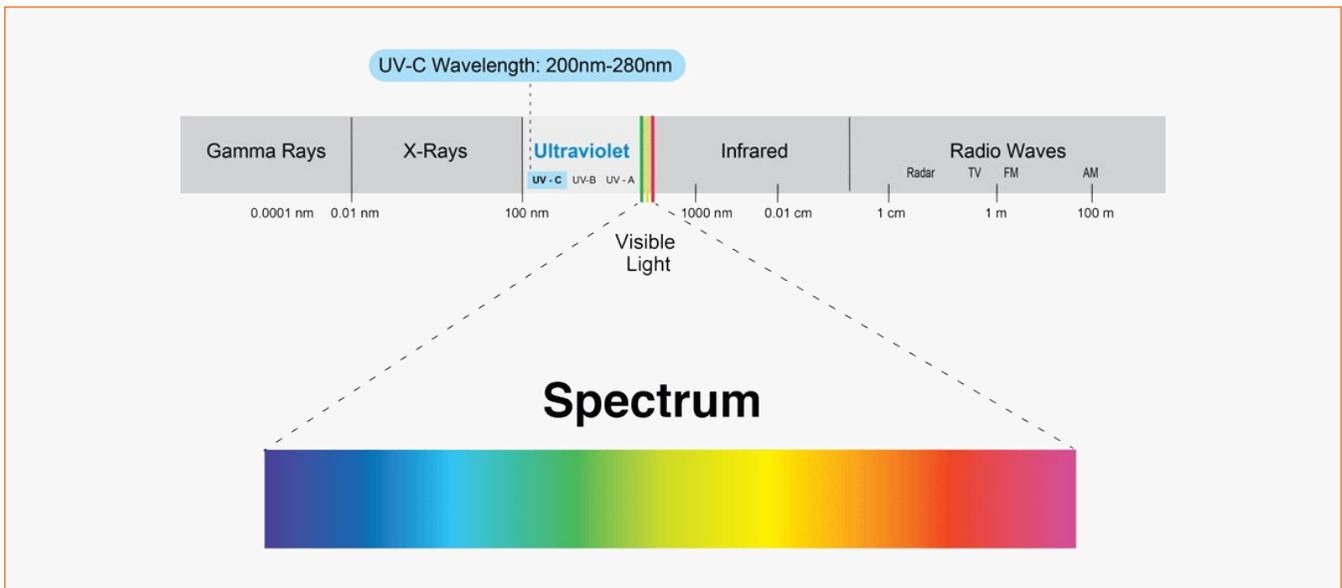
UVClean Technology

A Detailed Guide



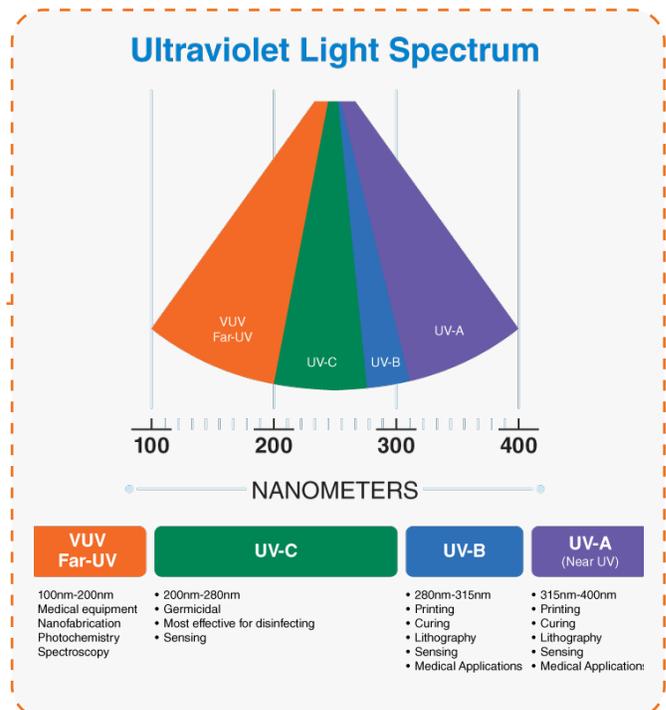
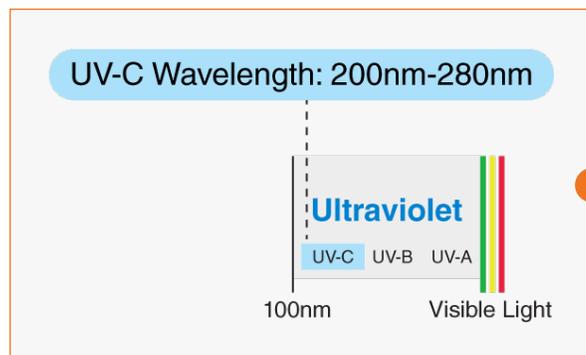
What is ultraviolet (UV) light?

Ultraviolet (UV) light is a form of light that exists on the electromagnetic spectrum between X-rays and visible light. It is not visible to the naked eye and lies just beyond the violet end of the spectrum, which is where the name ultraviolet was derived (“beyond violet”).



There are three types of UV light:

A, B, and C—each representing a different section of the UV light spectrum. Ultraviolet Type C (UV-C) is the form which exists in the wavelength range between 200–280 nanometers (nm) and is the type of UV light used for germicidal activity.



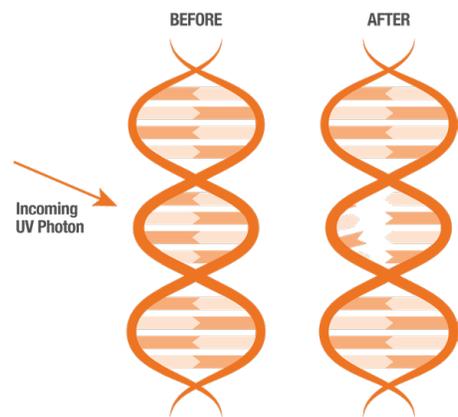


UV protection by the ozone layer

Although 10% of the sun’s radiation is composed of UV light, virtually all of the sun’s UV-C rays are blocked by the Earth’s ozone layer.

How does UV-C light sanitize objects and surfaces?

The proper use of UV-C light results in the ability to kill or inactivate microorganisms by destroying nucleic acids and disrupting their DNA, leaving them unable to perform vital cellular functions. Specifically, UV-C light causes covalent bonds between certain adjacent bases in the DNA, which prevents them from reproducing. This process is called **Ultraviolet Germicidal Irradiation (UVGI)**.



Common applications of UV-C sanitation:

The application of UVGI to disinfect has been a broadly accepted practice since the mid-20th century and has primarily been used in medical sanitation and sterile work facilities. More recently, UVGI has been used to sterilize air and water filtration systems, protecting them against bacteria, molds, viruses and other pathogens. Below are some of the most common applications:

Drinking Water:

- Boats & Recreational Vehicles
- Swimming Pools & Hot Tubs
- Schools & Hotels

Food Processing:

- Brewery & Winery
- Dairy Processing
- Bottling Facilities

Medical:

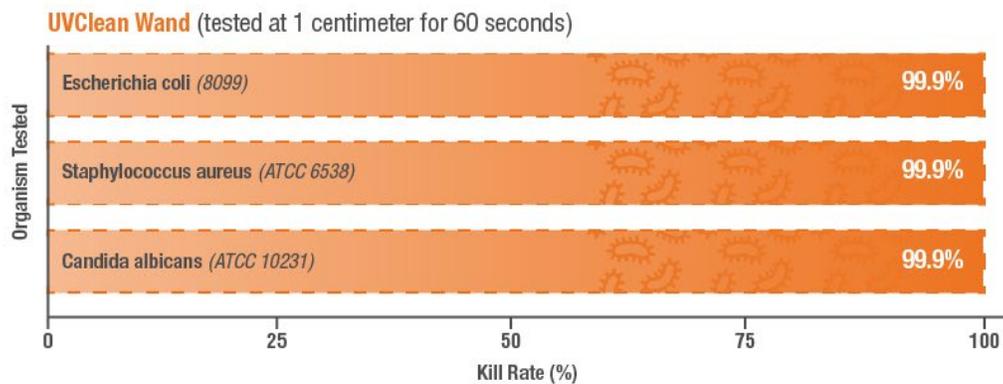
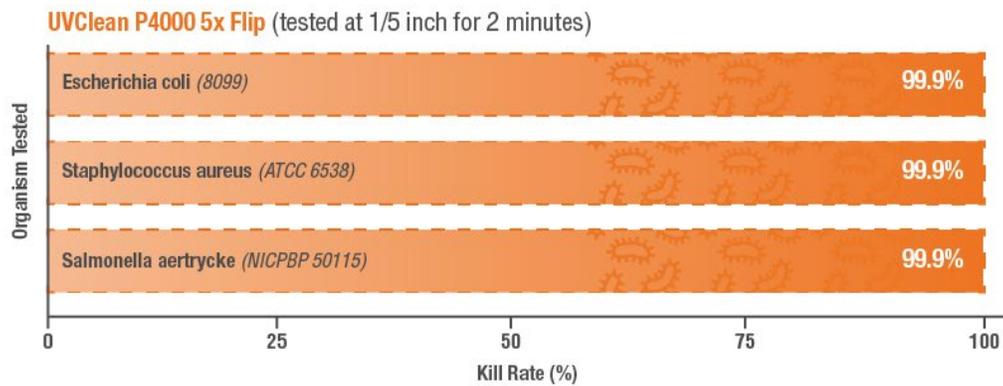
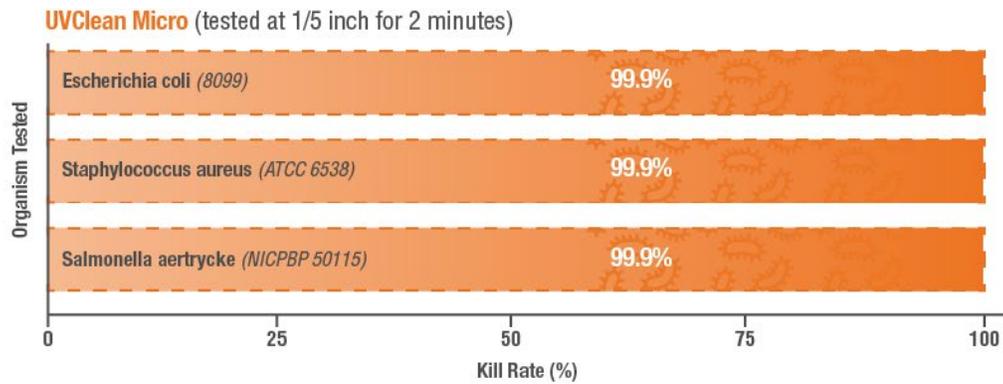
- Laboratories, Hospitals & Clinics
- Pathology Labs
- Maternity Labor & Delivery Areas

Industries:

- Cosmetics & Electronic Production
- Pond & Lake Reclamation
- Laundry Water

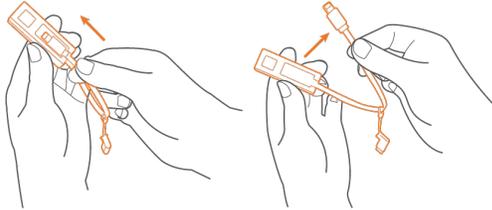
Laboratory Test Results

The independent test results below show a 99.9% kill rate for all iClick UVClean devices across multiple organisms.

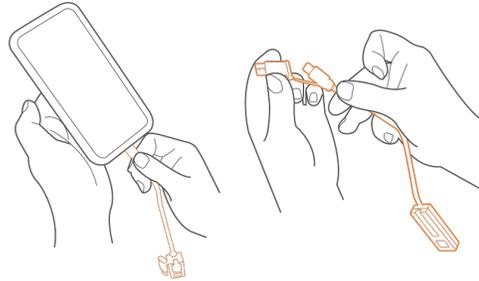


How to use your UVClean Micro:

1. Remove warning sticker, and discard.
2. Grasp the cable just below the micro USB/lightning connector and push up to release. Once released, the connector should easily come out.

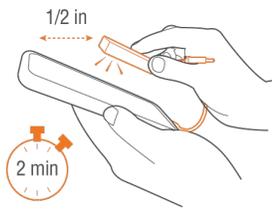


3. Use the micro USB/lightning connector, or attach the Type-C adaptor, to plug into your device.

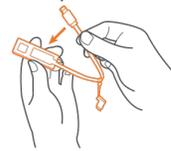


4. Hold in place for 2+ minutes to sanitize up to 99.9%. Working in 2" x 2" areas, repeat until all areas of the device have been covered by the light.

*The mobile device needs to be "awake" for the UV light to work. To continue cleaning, just tap your screen to keep the UV light activated.



5. To store the cable back in place, set the connector into the cavity and pull down on the cable until the connector snaps into place.



- For Apple devices, with the teeth of the cable facing down, connect it to your device.
- For Android devices, with the teeth of the cable facing up, connect it to your device.
- For devices with Type-C USB ports, attach the Type-C adaptor to the micro USB/lightning, then connect it to your device.



Micro USB side

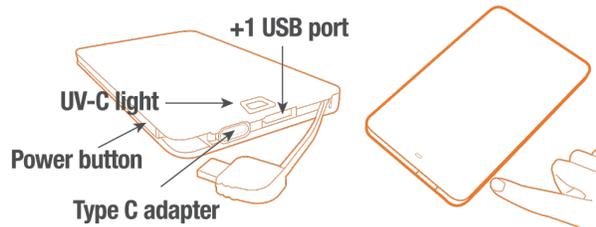


Lightning side



Type-C adaptor

How to use your UVClean P4000 5x Flip:



1. Turn on, using the Power Button.
2. The UV light should illuminate. Face the light toward the object you'd like to sanitize, holding the UV light 1/2 inch away from the surface. Hold in place for 2+ minutes to sanitize up to 99.9%. Working in 2" x 2" areas, repeat until all areas of the device have been covered by the light.
3. Turn off using the power button, once cleaning is complete.

To charge the power bank:

Connect the included micro USB charging cable to the power bank and connect the other end to a power source; the LED light will blink when charging and stop blinking when the power bank is fully charged.

To charge a device with the power bank:

This power bank uses "flip" technology which means it has a universal connector that works with both lightning and android devices.

- For Apple devices, with the teeth of the cable facing down, connect it to your device.
- For Android devices, with the teeth of the cable facing up, connect it to your device.
- For devices with Type-C USB ports, tuck the power bank's connector cable into the slot in the top of the power bank that houses the Type-C adaptor to attach the adaptor to the cable; connect this cable to your device.

The LED light will shine blue when the power bank is actively charging your device. **This power bank offers an additional USB port for more charging capabilities.**

How to use your UVClean Qi:



Connect the included micro USB charging cable to the UVClean Qi and connect the other end to a power source. Press the Power button twice to turn on the UVClean Qi.

To use the UV-C sterilization feature*:

1. When you turn the UVClean Qi on, the indicator light will shine red when it has entered into the 10-minute UV-C sterilization mode.
2. Remove the cover of the UVClean Qi and place your phone inside.
3. To turn off sterilization mode, press and hold the Power button until the indicator light shines blue.

To use the wireless charging feature*:

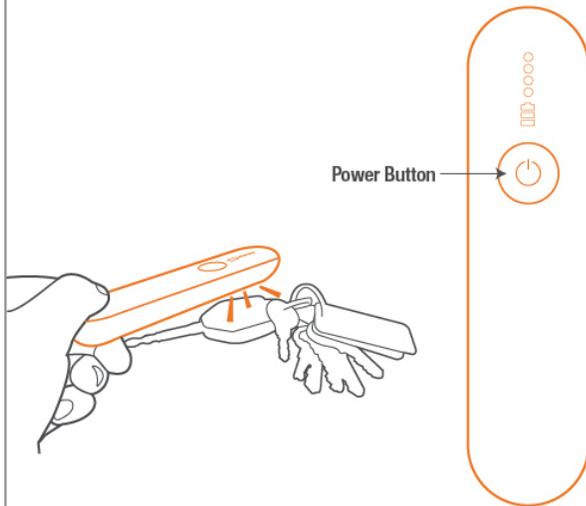
1. Press and hold the Power button to turn off the sterilization feature. The indicator light will shine blue when it is in wireless charging mode.
2. Place your Qi-enabled phone inside of the UVClean Qi; the LED light will shine blue, indicating that the phone is charging.

*Wireless charging feature only compatible with Qi-enabled devices.

Qi Charging not working?

First, ensure your device is Qi-enabled. Second, make sure the distance between your phone and charger is no more than 5mm. Phone cases and some phone grips can interfere with charging and may need to be removed.

How to use your UVClean Wand:



1. Press and hold the Power button for 2 seconds to turn on the UVClean Wand.
2. The UV light should illuminate. Quickly press the Power button once to put the product into sterilization mode.
3. Face the light toward the object you'd like to sanitize, holding the UV light 1 centimeter away from the surface. Hold in place for 60+ seconds to sanitize 99.9%. Working in 1.5" x 2" areas, repeat until all areas of the device have been covered by the light.
4. Press and hold the Power button for 2 seconds to turn off the UVClean Wand.
5. To recharge the UVClean Wand, plug the included micro USB cable into the Wand and connect it to a power source.

⚠ CAUTION



- Avoid exposure to direct or reflected germicidal ultraviolet rays.
- Germicidal ultraviolet rays are harmful to the eyes and skin.
- Failure to observe precautions could result in injury to people or damage to property. Use at your own risk.
- Do not use equipment for other than its intended purpose.
- Do not operate equipment if the power cord and/or plug are damaged, or if any other damage to the unit is visible or suspected.
- Keep out of reach of children.

Frequently Asked Questions

How do UVClean devices work?

UVClean devices kill up to 99.9% of bacteria and viruses using UV-C LED light, which is invisible to the human eye and kills bacteria and viruses by disrupting their DNA so they can't function or reproduce. UVClean is designed to sanitize hard objects and surfaces, like mobile devices, power banks and Qi wireless chargers, keys and keychains, eyeglass frames, keyboards, TV remotes, earbuds, speakers and much more. It's important to note that only areas exposed to UV-C light will be sanitized, so positioning objects to receive optimal UV-C light exposure is key.

How long does it take to sanitize an object or surface?

While you can use UVClean devices for as long as you'd like, a minimum of 2 minutes is recommended to reach a kill rate of nearly 100%.

What's the recommended distance to sanitize an object or surface?

For best results, the UVClean light must be held 1/2 inch or less away from the object or surface being sanitized. The further away from the object, the longer time it will take to reach the maximum kill rate. Conversely, the closer to the object, the shorter time it will take.

What is the surface area that the UVClean LED light covers?

The coverage area for these devices is 2" x 2" area, when held 1/2 inch away from an object or surface.

Does my phone need to be "awake" for the UVClean Micro to work?

Yes, your phone must be "awake" to power the UVClean Micro in order for the UV-C LED light to function and sanitize objects or surfaces.

Does the UVClean P4000 5x Flip Power Bank need to be charged to work?

Yes, the UVClean P4000 5x Flip must have at least a small amount of power stored in order for the UV-C LED light to function and sanitize objects or surfaces.

Are there any recommended safety precautions for use?

UV-C devices must be used properly to be safe. They produce UV-C light in wavelengths of 200nm-280nm, which is stronger than normal sunlight and can cause a sunburn-like reaction to skin or damage the retina of your eye. **Therefore, direct exposure to bare skin and eyes should be avoided at all times.** However, UV-C light is easily absorbed and inactivated by clothing, plastic or glass.