

See how the features of the new UV Tech Tub® compare

Before making a decision on which UV disinfection solution to buy, review this checklist to understand the key safety features built into the new UV Tech Tub®.

Exposure to UVC radiation is highly effective at destroying harmful microorganisms*, like bacteria and viruses, but it can also be harmful to your skin and eyes.

The UV Tech Tub® is designed with safety, disinfection effectiveness and ease of use as top priorities.



UV safety in the classroom

Feature	UV Tech Tub®	Considerations with other available options
Fully enclosed disinfection chamber (no UVC exposure to users)	✓	Wand-style solutions are not enclosed, which can expose the user to UVC radiation
UL tested and approved	✓ UL testing and certification in progress. UL testing verifies no harmful radiation escapes the chamber and critical safety parts are tested to 100,000 uses.	Depends on model UL will not certify a wand-style solution for safety reasons
Automatic safety switches	✓ The UV bulbs turn on only when the door is latched securely closed and start button is pushed	Depends on model
UVC filtering window (to check bulbs are working)	✓ Lights on the door also indicate UVC disinfection status	Depends on model
UVC bulbs are shatterproof	✓ UVC bulbs have shatterproof sleeves to prevent glass and gases from escaping if a bulb is broken	Depends on model

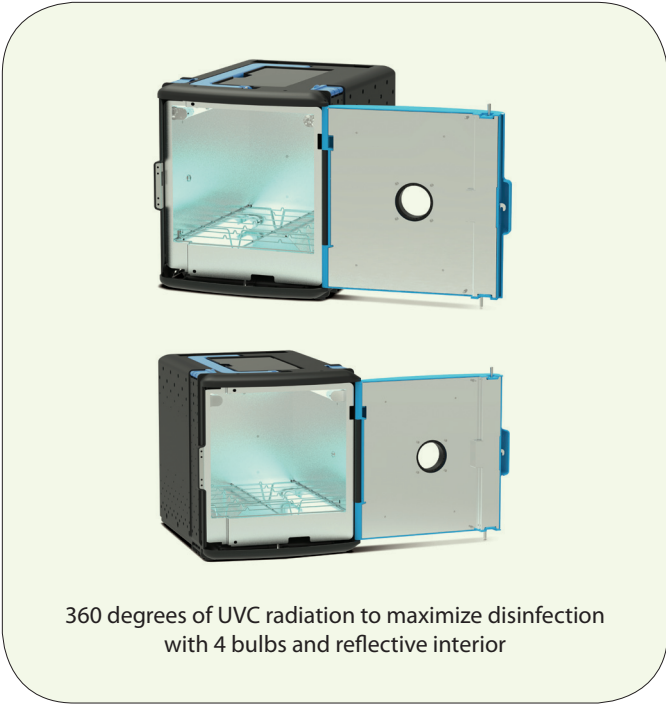
Ease of use

Cleans inside and outside of Chromebooks™ and laptops	✓ Chromebooks can be disinfected while open, cleaning the outside and the gummy screen and keyboard	Depends on model. Some do not have space for an open Chromebook™ and only clean the outside (such as large UV carts)
Disinfects tablets and Chromebooks™	✓ Check our compatibility chart for brands and specs	Many models only fit tablets
Disinfects other classroom objects	✓ Large chamber fits VR headsets, headphones, robotics and other high-tech and low-tech classroom items	Depends on model. Many only fit tablets or closed Chromebooks™ (flat objects)
UVC bulbs are easy to replace	✓ Easy to replace by educators Bulbs available from Copernicus	Some models require a technician to change the bulbs
Compact	✓ Small footprint and can clip onto existing Tech Tub ² Trolleys and Modular Carts	Bulky carts and cabinets require more space in the classroom
Disinfecting time is quick and effective	✓ One minute to disinfect to a 99.9% kill*	Depends on model. Be wary of wands and flashlight models and those that claim disinfection in seconds

360 degree irradiance and a wider range of pathogen testing

UV Tech Tub® disinfects to a 99.9% kill in just one minute*, reducing the risk of common hospital and classroom viruses and bacteria.

UV Tech Tub® emits 360 degrees of UVC radiation at a wavelength that properly disinfects classroom objects including open laptops. Unlike other options on the market that are only tested for effectiveness against common viruses and bacteria found in hospitals, UV Tech Tub® is subject to lab testing to ensure it kills germs found in school environments.



360 degrees of UVC radiation to maximize disinfection with 4 bulbs and reflective interior



Can hold open laptops to disinfect the most germly surfaces: the keyboard and screen

Disinfection effectiveness		
Feature	UV Tech Tub®	Considerations with other available options
Bulbs** emit proper wavelength level required to disinfect	✓ Bulbs emit UVC radiation at a wavelength of 245nm which is proven to be effective at eliminating bacteria, viruses and fungi	Depends on model
Lab tested for school-specific viruses and bacteria	✓ Disinfects to a 99.9% kill in just one minute reducing the risk of common hospital and classroom viruses and bacteria	Be wary of products that do not state their testing results. Many products are tested for common viruses and bacteria found in hospitals, not schools.
Medical grade testing cards to check effective germicidal level of UVC	✓ Includes 12 test cards (monthly checks are recommended). Additional cards can be purchased from Copernicus	Most models indicate the bulbs are on or off, but not the dosage of UVC
360 degrees of UVC irradiance	✓ Bulbs are arranged to provide complete 360 irradiance and the highly reflective polished aluminum chamber maximizes effectiveness of the UVC bulbs	Many products only have UVC coming from one direction, creating shadowed areas where the UVC doesn't reach

*As with all UV disinfection technology, many, but not all viruses and germs are killed in the process. Kill rate claims are based on preliminary data only, conducted by a third-party. Biological lab testing in progress.

**Phillips brand bulbs are easily replaced and available from Copernicus. Bulb hours may vary based on frequency of use.

For further details, please visit our website or contact Customer Service.
www.copernicused.com
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