

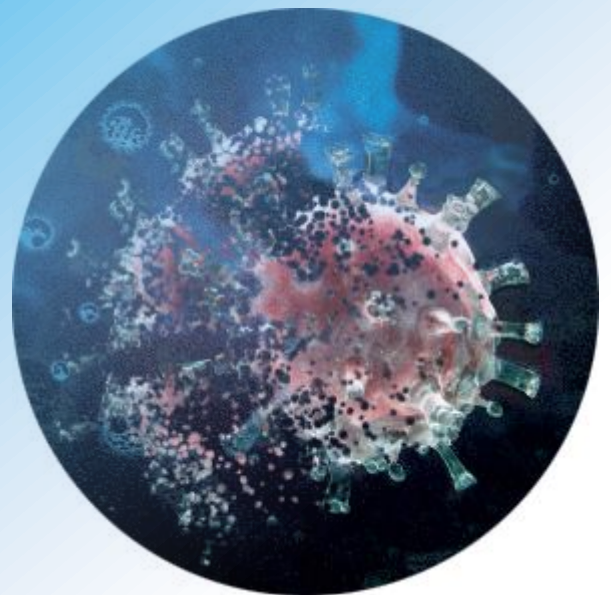


Dhonaadhi
Hitec Innovations

COD-V

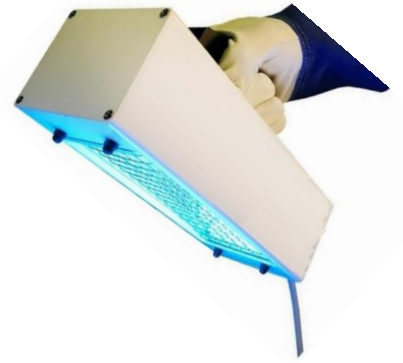
UVC SURFACE STERILIZER

CHEMICAL-FREE DISINFECTING AND SANITIZING OF ANY SURFACE



COD-V

COD-V is surface sterilizer for industrial and business use. It is equipped with a powerful UV-C lamp, emitting 250 to 300nm wavelength. This device will effectively and efficiently decontaminate surfaces from viruses, molds and bacterias. This device offers a quick and easy way of sanitizing the surfaces.



The user slowly passes the device closely over the contaminated surface area, allowing the energy from the high output sterilizer to rapidly and efficiently decontaminate surface. The UV-C disinfection sterilizer is a fast-acting, portable method of decontaminating tabletops, walls and other surfaces.

Germicidal ultraviolet (UV-C) light deactivates the DNA of bacteria, virus, and other pathogens — destroying their ability to multiply and cause disease. Specifically, UV-C light causes damage to the nucleic acid of microorganisms by forming covalent bonds between certain adjacent bases in the DNA. The formation of such bonds prevents the DNA from being unzipped for replication, and the organism is unable to reproduce. In fact, when the organism tries to replicate, it dies.

SPECIFICATIONS:

- ON/OFF Switch.
- Lamp Type – UVC LED.
- 250nm to 275nm Wavelength.
- LED Driver Inbuilt.
- Power Source 120/230 VAC, 50/60Hz
- Power Rating: 20W/40W/60W/80W
- Lamp life 40000 hours continuous operation.
- Operation Modes Indicated by LED.
- Tri-color LED indicates status of operation.
- Lamp safety guard.
- Easy to grip Handle.
- Optional 6Hr Battery Backup Unit with Solar Charging Option
- Metal reflectors to protect lamp and better distribute UV energy.



BENEFITS:

- Kill and inactivates 99.9% harmful surface microorganisms that contribute to the spread of infectious diseases, viruses, mold and bacteria including: C- diff, MRSA, TB, E.coli salmonella, CRKP, VRE, cold, flu and measles.
- Produces no ozone or other secondary contaminants.
- Portable, versatile and easy- just plug in and use.
- Includes long-lasting UV lamp with 20000 hours lifespan.
- Use products and equipment where chemicals and liquids cannot be used.
- Inexpensive to operate.

COD-V

DISINFECTION TIME

	Model No	DISINFECTION TIME		
Dose Required	Model No	10 cm	20 cm	30 cm
LOG 8 Disinfection 99.999999% 100 mJ/cm²	COD-V-20W	44 sec	2min 57sec	6min 37 sec
	COD-V-40W	22 sec	1min 28sec	3min 18sec
	COD-V-60W	15 sec	59 sec	2min 12 sec
	COD-V-80W	11 sec	44 sec	1min 39 sec
LOG 3 Disinfection 99.9% 20 mJ/cm²	COD-V-20W	9 sec	35sec	1min 19sec
	COD-V-40W	4 sec	18sec	40sec
	COD-V-60W	3 sec	12 sec	26 sec
	COD-V-80W	2 sec	9 sec	20 sec

PRECAUTION: Operator should avoid direct skin and eye contact with UV light. Protective eye wear and skin protection is recommended when using the **COD-V** unit.

The **COD-V** can be used for the following environments or wherever microbial disinfection is required:

- NURSING HOMES
- OUTPATIENT SURGERY CENTERS
- PHYSICIANS OFFICES, AMBULANCE
- PATIENT ROOMS, WAITING ROOMS
- TESTING LABORATORIES
- VENTILATORY CLINICS & KENNELS
- PASSENGER FLIGHTS AND BUS AND TRAIN
- SCHOOLS-CLASSROOMS, FOOD PROCESSING
- DETENTION CENTERS, HOMELESS SHELTERS
- SHOPPING COMPLEX, MOVIE THEATERS
- HOTEL ROOMS, LOCKERS ROOMS



UV RADIATION IS HAZARD

Use only with shielding in place, protect eyes and skin from exposure to UV light