Lantern

UV-C Disinfection System

Rapid Disinfection for EMS Vehicles

Portable UV-C Disinfection System

The Lantern™ is an easily transportable UV-C generator with emphasis on use within emergency response vehicles. It is used to provide a rapid and highly effective method to disinfect surfaces and components to reduce the transfer of dangerous organisms.

The Lantern™ provides a chemical free method of disinfection, leaving vehicles safe to enter immediately after use.

Specifications:
Size: 10" W x 10" D x 14" H
Weight: 10 lbs
Power: 115-227 VAC, 4 Amps
Lamps: 9,000 hour lifespan

Time required for 99% reduction*

Organism	Time
Bacillus anthracis	1 min
Escherichia coli	1 min
Klebsiella pneumoniae	2 min
Mycobacterium tuberculosis	2 min
Pseudomonas aeruginosa	2 min
Staphylococcus aureus	1 min
Hepatitis A	2 min
Influenza	1 min
Poliovirus 1	2 min

*within 4 ft distance

UV-C light is proven effective against viruses, bacteria, molds and spores. The Lantern produces an efficient UV-C output of over 130 $\mu w/cm^2$ to get a calculated 99% reduction of MRSA in 1 minute and spores like C. diff in 6 minutes within a 4 ft distance.

In addition, testing at Ohio State University has demonstrated that UV-C kills bed bug eggs, nymphs, and reduces their host-seeking ability.

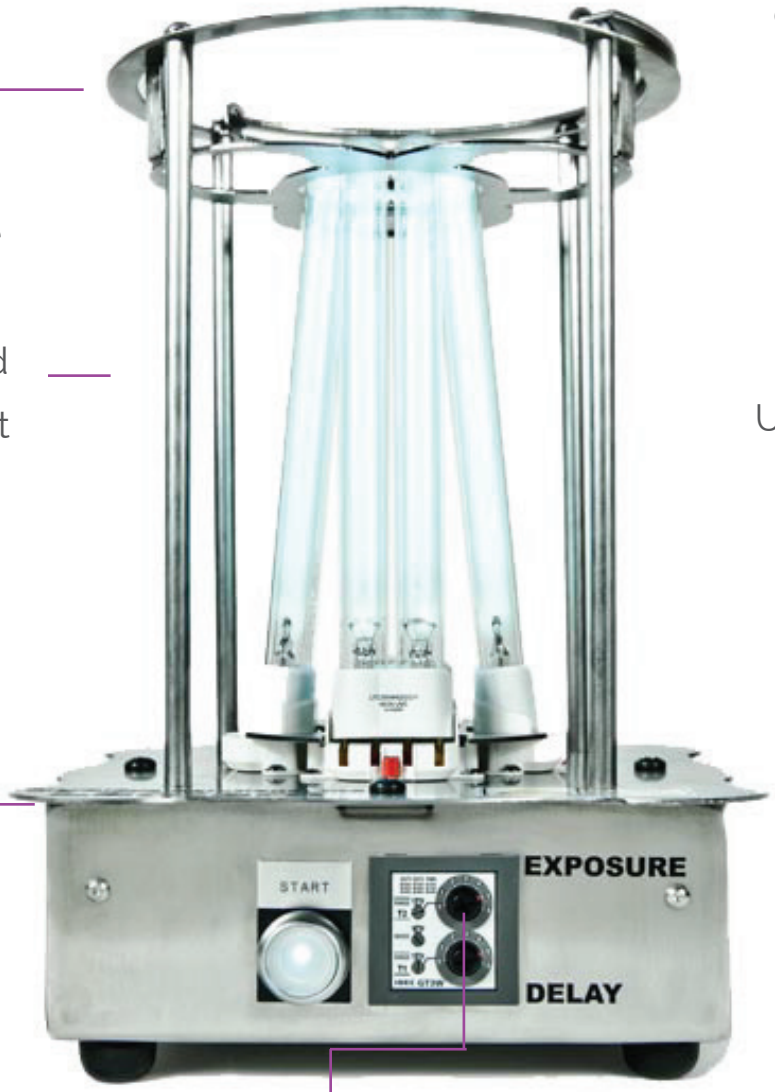
Features

Lightweight, easily portable and easily adaptable.

Contains 4 protected UV-C lamps to provide increased disinfection coverage of items and surfaces.

The Lantern can be used in both the upright and inverted positions such that it can be hung from railings or hooks.

UV-C intensity of over 22 μW/cm^2 at 10ft.



Easily operated with minimal training

UV-C intensity of over 130 μW/cm^2 at 4ft.

For added safety, the programmable delay timer allows you to set the amount of time between when the start button is pressed and when the UV-C lamps illuminate.

Programmable exposure timer allows you to set the amount of time that the UV-C bulbs are kept on.

Effective against viruses, bacteria, fungi and spores within emergency vehicles as well as rooms and offices.

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UV-C Disinfection System

Reliable. Durable. Easy to Use.

High-level disinfection without the high-level pricetag

ClorDiSys

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