Portable Ultraviolet Light Disinfection

LANTERN

ClorDiSys
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.

### Portable UV-C Disinfection System

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

UV-C light is proven effective against viruses, bacteria, molds and spores. The Lantern produces an efficient UV-C output of over 130 µw/cm² 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.

### Time required for 99% reduction*

<table>
<thead>
<tr>
<th>Organism</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacillus anthracis</td>
<td>1 min</td>
</tr>
<tr>
<td>Escherichia coli</td>
<td>1 min</td>
</tr>
<tr>
<td>Klebsiella pneumoniae</td>
<td>2 min</td>
</tr>
<tr>
<td>Mycobacterium tuberculosis</td>
<td>2 min</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>2 min</td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>1 min</td>
</tr>
<tr>
<td>Hepatitis A</td>
<td>2 min</td>
</tr>
<tr>
<td>Influenza</td>
<td>1 min</td>
</tr>
<tr>
<td>Poliovirus 1</td>
<td>2 min</td>
</tr>
</tbody>
</table>

*within 4 ft distance
Features

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

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

UV-C intensity of over 22 µW/cm² at 10ft.

Easily operated with minimal training

UV-C intensity of over 130 µW/cm² 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 Vehicles as well as Rooms

Reliable. Durable. Easy to Use.

High-level disinfection without the high-level price tag

Lantern
UV-C Disinfection System

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