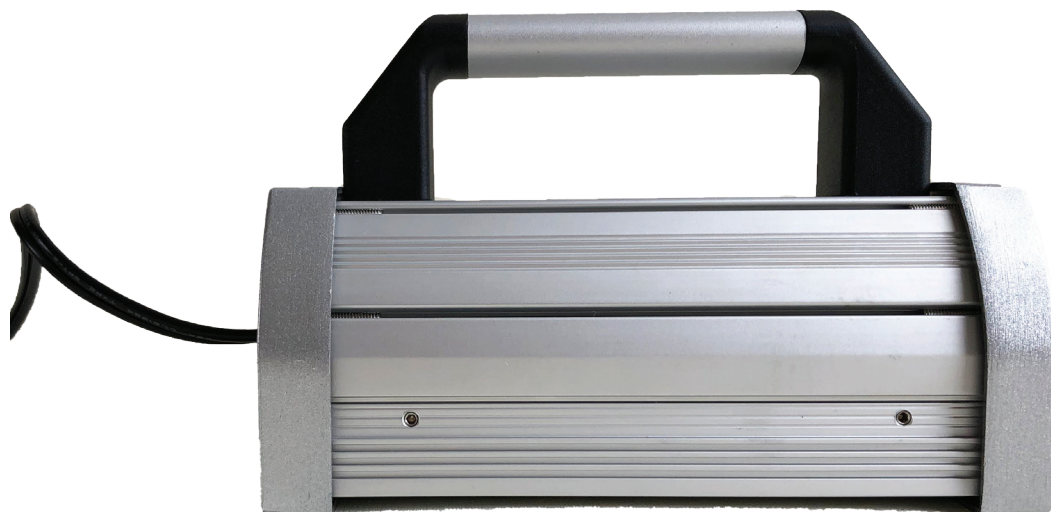


Kills Germs & Viruses
In seconds, not
MINUTES!!

USG- UVC - P03

SANILED

Portable UVGI Sterilizer



SGS laboratory tested Portable UV Light Kills Germs & Viruses in seconds.
DO NOT touch the UVGI surface. Avoid contact with liquids.

SPECIFICATIONS:

Part No.	PM-UVC-P03
Size	20.3 x 12 x 9 (cm) / 8.0 x 4.72 x 3.54 (in)
Weight	1 kg / 2.8 lbs (with wires)
Power Consumption	30W
Beam Angle	30°
Wavelength	275 +/- 5nm
Input Power	AC 100-240V

WHERE CAN IT

BE USED?

Everywhere.

All types of Office & Work Spaces
Gyms / Spas / Wellness Centers
Hospital and Nursing Home Facilities
All types of Waiting Rooms
Shops / Boutiques / Beauty Salons
Commercial & Warehouse Spaces
Schools and Classrooms
Hotel Rooms & Conference Areas
Reception Areas and Lobbies
Home Use

USG SAFETY AND GENERAL GUIDELINES

UVGI emits deep ultraviolet radiation with extremely high intensity near its surface. This allows rapid disinfection, however safety precautions must be observed during operation. Users, observers, and bystanders **MUST** wear eye and skin protection when the UVGI LEDs are energized to prevent damage to eyes or skin. **Keep out of reach of children.**

UVGI LEDs can easily absorb liquids and damage the device. Any oil or other absorbent liquid or any other substances must **NOT** be allowed to touch emission side of the device and the UV-LEDs. Do not apply pressure to the lens of UV-LEDs.

UVC STERILIZATION GROUP LLC will not be liable for any indirect, incidental, special, consequential or punitive damages due to any cause whatsoever, including damages caused by the negligence of a party, its employees or agents or otherwise, or resulting from failure to observe warnings or guidelines contained herein, as well as third party claims by purchaser for such damages resulting to any third party.

HOW TO USE: Please read safety guidelines.

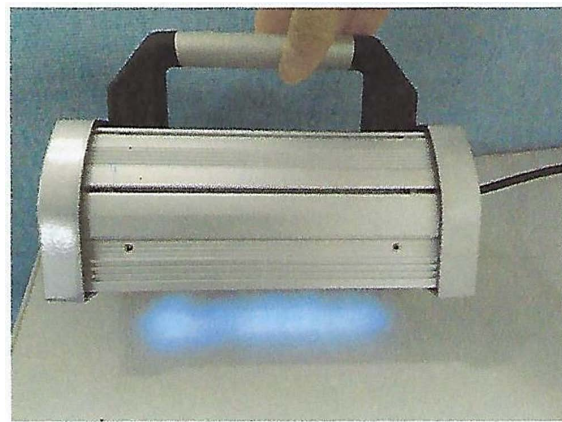
Step 1: Put on Personal Protective Equipment.

Step 2: Plug in.

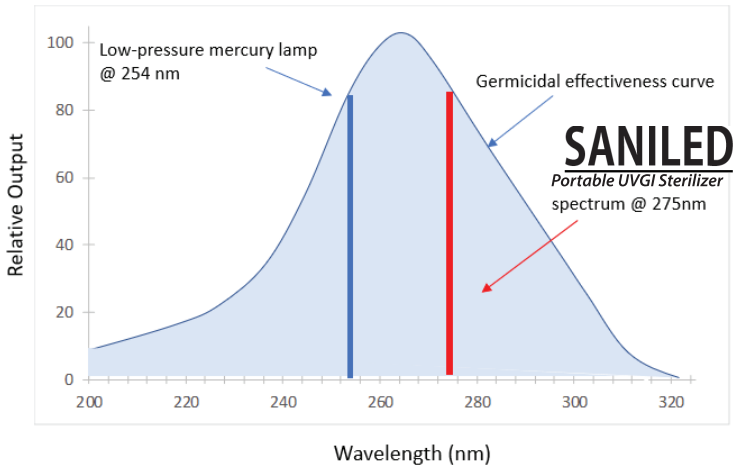
Step 3: Turn power on (indicator will be in red).

Step 4: Hover the device approximately one inch above objects for at least 5 seconds to clean & sanitize.

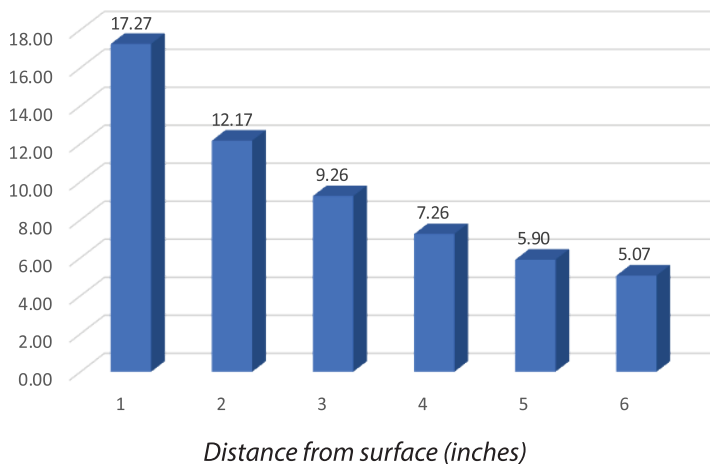
Step 5: Turn power off.



GERMICIDAL EFFECTIVENESS CURVE:



DELIVERED POWER CURVE:



DOSAGE TABLE:

Sterilization Level	**Dosage Range (mJ/cm2)	*PO3 Sterilization time (sec.)
90.0%	1.3-3.2	0.2-0.4
99.0%	2.5-4.7	0.4-0.6
99.9%	5-9.4	0.6 - 1.2

*Assumes a mean distance of 3.5" from the surface @8 mw/cm2 for ssRNA viruses. See page 4 summary data for additional disinfection times of other pathogens.

**Reference data: Chun-Chieh Tseng & Chih-Shan Li (2007) Inactivation of Viruses on Surfaces by Ultraviolet Germicidal Irradiation, Journal of Occupational and Environmental Hygiene, 4:6, 400-405, DOI: 10.1080/15459620701329012



APPLICATIONS:

- Personal protective equipment
- Mail and packaging
- Personal property, such as cell phones and keys
- Work surfaces, such as desks, keyboards, pens, and clipboards

⚠️WARNING
High intensity ultraviolet light. Eye and skin hazard. Do not look directly at light. Use eye protection. Keep out of reach of children.

SGS LABORATORY TEST RESULTS

Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Candida albicans</i>	0 sec	1.4×10^6	---
	1 sec	1.4×10^6	2.90
	5 secs	1.5×10^3	99.9
	10 secs	3.1×10^1	>99.9
<i>Pseudomonas aeruginosa</i>	0 sec	4.4×10^6	---
	1 sec	2.6×10^3	>99.9
	5 secs	7.7×10^1	>99.9
	10 secs	1.0×10^0	>99.9
<i>Klebsiella pneumoniae</i>	0 sec	4.1×10^6	---
	1 sec	2.5×10^3	>99.9
	5 secs	1.1×10^2	>99.9
	10 secs	<1	>99.9
<i>Enterococcus faecalis</i>	0 sec	3.4×10^6	---
	1 sec	7.0×10^4	97.9
	5 secs	3.7×10^3	99.9
	10 secs	1.1×10^1	>99.9
<i>Bacillus subtilis</i> subsp.	0 sec	4.7×10^6	---
	1 sec	1.9×10^6	58.9
	5 secs	3.7×10^4	99.2
	10 secs	1.0×10^4	99.8
<i>Streptococcus mutans</i>	0 sec	4.3×10^6	---
	1 sec	9.8×10^5	77.2
	5 secs	<1	>99.9
	10 secs	<1	>99.9
<i>Escherichia coli</i>	0 sec	1.4×10^6	---
	1 sec	5.8×10^4	95.7
	5 secs	6.2×10^1	>99.9
	10 secs	2.0×10^0	>99.9
<i>Staphylococcus aureus</i>	0 sec	3.3×10^6	---
	1 sec	4.3×10^3	99.9
	5 secs	7.0×10^1	>99.9
	10 secs	2.0×10^0	>99.9
<i>Salmonella enterica</i> subsp. Enteric	0 sec	3.5×10^6	---
	1 sec	8.2×10^5	76.2
	5 secs	6.8×10^4	98.0
	10 secs	8.0×10^2	>99.9