

## **UV PORTABLE LIGHT**



**PM-UVC-P03**

**MADE IN TAIWAN**

**Product: UV Portable Light**

**Part No.: PM-UVC-P03**

**P.1/3**

### 1. Purpose:

To clean the objects where you would like to clean with the UV Portable Light in seconds. SGS certified.

- \* **DO NOT touch the UVC surface.**
- \* **Keep water and any liquids out of the device.**

### 2. Specifications:

Part No.	PM-UVC-P03
Size	21.5 x 12 x 9 (cm)
Weight	1.2kg (with wires)
Power Consumption	30 W
Input Power	AC 100-240V

### 3. How to use:

Plug in, and turn the power on. The indicator will be in red. Carry it to clean the objects. Turn the power off after finish.

- \* **DO NOT look directly at light.**
- \* **Avoid exposure to eyes/skins when power on.**



**Product: UV Portable Light****Part No.: PM-UVC-P03****P.2/3****4. Where to use?**

- (1) Public Transportation
- (2) Hotel
- (3) Office
- (4) Electronic Devices
- (5) Anywhere need to be germ free

**5. General Precautions and UVC Safety:**

UVC emits deep ultraviolet radiation, with extremely high intensity near its surface. This allows rapid disinfection but safety precautions must be observed during assembly and testing.

By purchasing the UVC from the manufacturer, the customer hereby agrees to absolve the manufacturer's responsibility of any bodily harm as a result of failure to observe the precautions, warnings and guidelines contained within this Specification.

All assembly workers, observers and bystanders must wear eye and skin protection when the UVC LEDs are energized. Bare eye observation (including through microscopes) and bare-hand handling of a UVC LED in operation is PROHIBITED.

UVC light can be easily absorbed, so any oil or other absorbent liquid or solid substance must NOT be allowed to touch the sapphire side of the UVC chip, or the dome lens on a packaged LED.

Do not apply pressure to the lens on packaged LED.



All images and specifications are subject to change without prior notice.

**Product: UV Portable Light**
**Part No.: PM-UVC-P03**
**P.3/3**
**6. SGS Test Report:**
**Close to germ plates at 2cm:**

Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Candida albicans</i>	0 sec	$1.7 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Pseudomonas aeruginosa</i>	0 sec	$2.4 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Klebsiella pneumoniae</i>	0 sec	$1.2 \times 10^8$	---
	5 secs	$9.0 \times 10^7$	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Enterococcus faecalis</i>	0 sec	$1.3 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Bacillus subtilis</i> subsp.	0 sec	$1.3 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Streptococcus mutans</i>	0 sec	$2.0 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Escherichia coli</i>	0 sec	$4.7 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Staphylococcus aureus</i> subsp. <i>Aureus</i>	0 sec	$3.7 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Salmonella enterica</i> subsp. <i>Enteric</i>	0 sec	$7.5 \times 10^8$	---
	5 secs	<1	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9

**Close to germ plates at 12cm:**

Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Candida albicans</i>	0 sec	$1.7 \times 10^8$	---
	5 secs	$2.0 \times 10^7$	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Pseudomonas aeruginosa</i>	0 sec	$2.4 \times 10^8$	---
	5 secs	$8.0 \times 10^7$	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Klebsiella pneumoniae</i>	0 sec	$1.2 \times 10^8$	---
	5 secs	$4.4 \times 10^7$	>99.9
	10 secs	$1.6 \times 10^7$	>99.9
	15 secs	$6.4 \times 10^6$	>99.9
<i>Enterococcus faecalis</i>	0 sec	$1.3 \times 10^8$	---
	5 secs	$1.0 \times 10^7$	>99.9
	10 secs	<1	>99.9
	15 secs	<1	>99.9
<i>Bacillus subtilis</i> subsp.	0 sec	$1.3 \times 10^8$	---
	5 secs	$2.4 \times 10^7$	99.8
	10 secs	$2.3 \times 10^7$	>99.9
	15 secs	$1.7 \times 10^7$	>99.9
<i>Streptococcus mutans</i>	0 sec	$2.0 \times 10^8$	---
	5 secs	$2.0 \times 10^7$	>99.9
	10 secs	$3.0 \times 10^7$	>99.9
	15 secs	<1	>99.9
<i>Escherichia coli</i>	0 sec	$4.7 \times 10^8$	---
	5 secs	$4.0 \times 10^7$	>99.9
	10 secs	$8.0 \times 10^6$	>99.9
	15 secs	<1	>99.9
<i>Staphylococcus aureus</i> subsp. <i>Aureus</i>	0 sec	$3.7 \times 10^8$	---
	5 secs	$3.1 \times 10^7$	99.9
	10 secs	$2.1 \times 10^7$	>99.9
	15 secs	$1.0 \times 10^7$	>99.9
<i>Salmonella enterica</i> subsp. <i>Enteric</i>	0 sec	$7.5 \times 10^8$	---
	5 secs	$1.3 \times 10^7$	>99.9
	10 secs	$7.0 \times 10^6$	>99.9
	15 secs	<1	>99.9

Shin-Jyh Chen, Manager  
 Signed for and on behalf of  
 SGS Taiwan Ltd.

