

Lighting and Power
Technologies LLC

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PORTABLE UV STERILIZER

MODEL:	B-UV-500
VOLTAGE:	DC 5V
BATTERY:	4 PCS 1.5V "AAA" / USB PORT <i>EXCLUDING BATTERY</i>
POWER:	3W MAX
UV WAVELENGTH:	254nm
PRODUCT SIZE:	125 * 35 * 28mm



UV LED WAND *PRODUCT INFORMATION*

STERILIZATION RANGE:

This product kills all kinds of bacteria and viruses in a very short time period. This device can be used for mobile phones, masks, computer keyboards, accessories, finger rings, necklaces, brushes, plush toys, baby and mother products, nursing bottles, clothing, underwear, bags, travel items, and any articles that require sterilization.

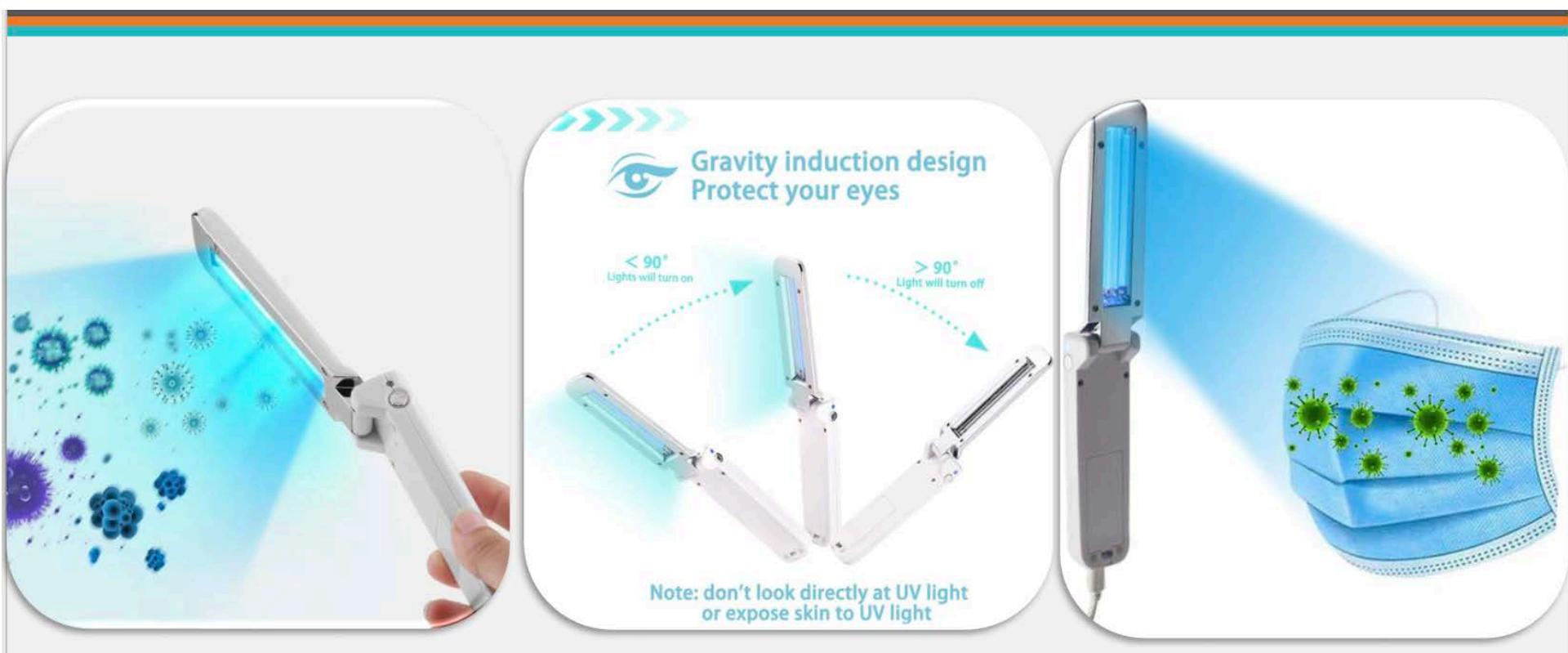
PRODUCT DIAGRAM:



Operation Steps:

1. According to "+/-" instruction, please put 4pcs "AAA" batteries into the product.
2. Long press the switch for 3 seconds, then the UV lamp will be bright. (The light on the lamp will only work when facing down. When the UV Lamp is facing up, it will turn off.)
3. Aim the UV lamp towards the items you would like sterilized. Keep the lamp vertical with a distance at 3cm-5cm. Move slowly back and forth for 30 seconds. The longer the time, the better the sterilization effect.
4. Power source: Common battery/Rechargeable battery/USB cable.





ATTENTION:

1. *Do not point the UV products towards eyes and bodies directly.*
2. *Please keep the products away from children.*
3. *When the battery is low, please change.*
4. *Keep the lamp clean to avoid soaking in water. Do not crush the lamp.*



广微测
Gmicro Testing

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201819000883



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.

2020SP4074R01E

Name of Sample

Ultraviolet Sanitizer Wand

Applicant

Shenzhen Meihui Optoelectronics Co. LTD

Test Type



Address: Building 66, No.100 Central Xian Lie Road, Guangzhou, China

Postcode: 510070

Tel: +86 20 87137666

Fax : +86 20 87137668

Website : www.gddcm.com



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report No.: 2020SP4074R01E

Name of Sample	Ultraviolet Sanitizer Wand	Test Type	Entrustment Test
Applicant	Shenzhen Meihui Optoelectronics Co. LTD	Address	8 / F, Building 2A, Zhongtai Science and Technology Park, Shilongzai, Baoan District, Shenzhen
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One
Spec and Lot № of Sample	MH-08	State and Characteristic	Machine
Sample Received Date	2020-05-12	Test Completion Date	2020-05-29
Test Standard and Method	Technical Standard for Disinfection (Ministry of Health, Edition 2002), section 2-2.1.5.4		
Item Tested	Sterilization and disinfection equipment disinfection efficacy test: UV lamp		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	The applicant claims: The machines of Serial XD85, XD09, XD66, XD80 named as Ultraviolet Sanitizer Wand have similar function to this submitted sample tested.		

Issue Date: 2020-06-01
(Official Seal)

Editor: *liyunqian*

Verifier: *Liang Daqing*

Approver: *Gao Weipeng*



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report №.: 2020SP4074R01E

1. Action Time: 60min

2. Action distance: 50cm

3. Results:

Test organisms	Test group	Average cfu of testing groups (cfu/ piece)	Average cfu of positive controls (cfu/ piece)	Sterilization logarithm (KL)	Sterilization rate (%)
<i>Escherichia coli</i> 8099	1	<5	4.2×10^6	>5.92	>99.99
	2	<5	4.1×10^6	>5.91	>99.99
	3	<5	3.9×10^6	>5.89	>99.99
	Average		>5.91		>99.99
<i>Staphylococcus aureus</i> ATCC 6538	1	20	1.1×10^6	4.74	99.99
	2	25	1.1×10^6	4.64	99.99
	3	35	1.1×10^6	4.50	99.99
	Average		4.63		99.99
<i>Candida albicans</i> ATCC 10231	1	1.8×10^3	1.8×10^6	3.00	99.90
	2	1.7×10^3	1.8×10^6	3.03	99.91
	3	1.7×10^3	1.7×10^6	3.00	99.90
	Average		3.01		99.90

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分析
专用



Report №.: 2020SP4074R01E

Notice Items

1. The Test report is invalid if not affixed with Authorized Stamp of Test and Paging Seal.
2. The Test report is invalid without signature of verifier and approver.
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