



GMV

UVC Tabletop Sterilizer

— GMV LIGHTING TECHNOLOGY CO., LTD. —



High Quality
quartz tube



Aluminum Alloy
Structure



Child Lock



Biosensing



3 Gear Timing



Voice Prompts

Size: 120*120*250mm

Weight: 680g

Lamp Power: 18W

Voltage: 220V

Frequency: 50Hz

Total Power: 24W

UV intensity: $>60\mu\text{W}/\text{cm}^2$ @ 1m

Life: 9000h

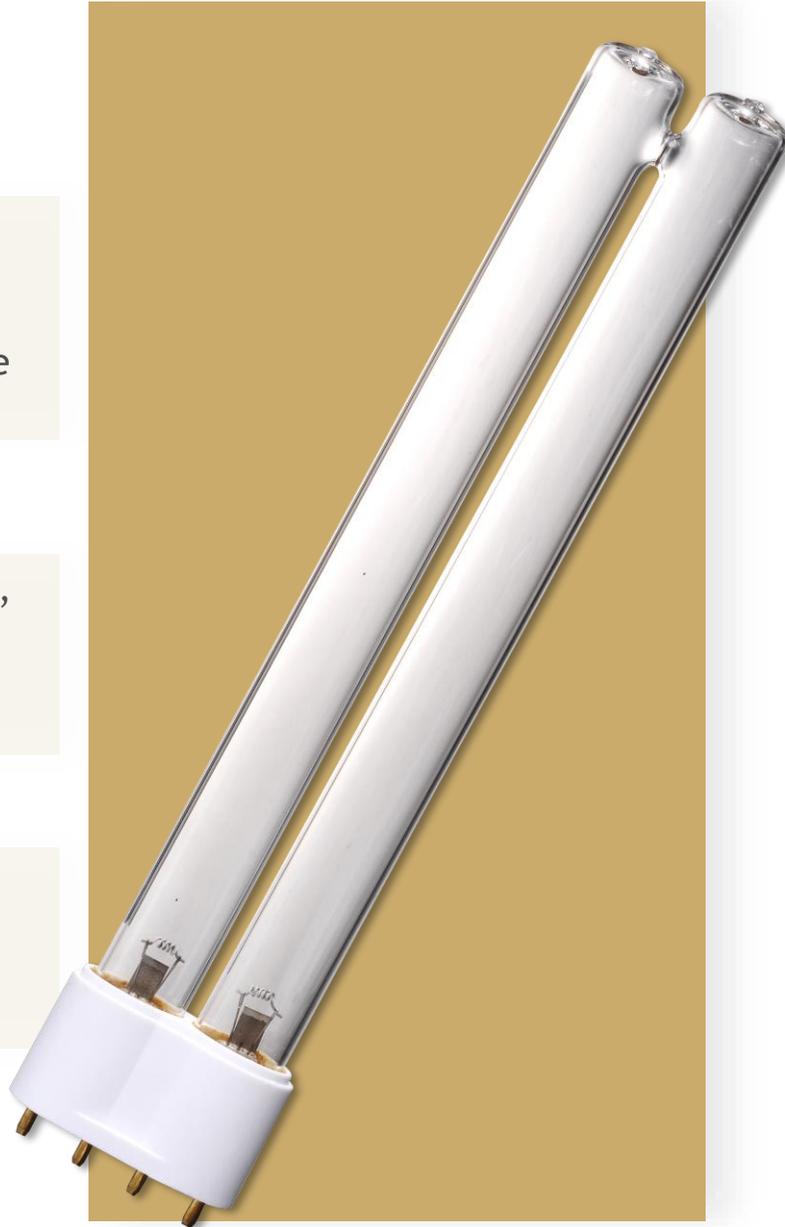
Cable length: 3m

Quartz UVC disinfection lamp

Using H-type single ended hot cathode ultraviolet lamp, it can obtain **higher ultraviolet radiation illuminance** than single tube

Compared with borosilicate glass, quartz glass has **higher UV transmittance, less light decay and longer life**

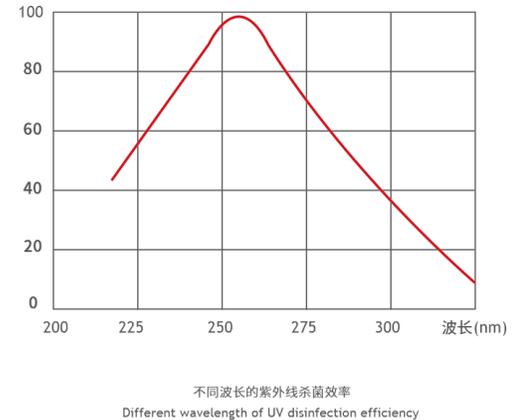
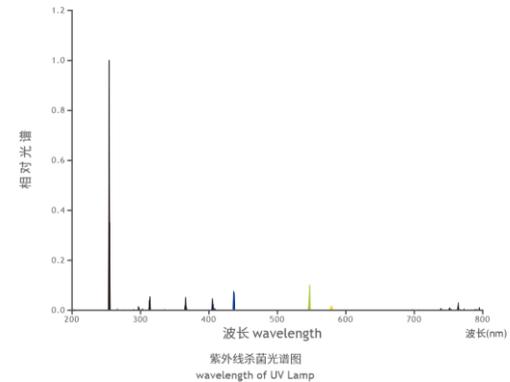
253.7nm ultraviolet light can easily kill all kinds of common germs ,including the **COVID-19**



紫外线对常见细菌的杀菌时间 (假设辐射强度: $30000\mu w/cm^2$)

UVC sterilization time for common bacteria (UVC intensity: $30000\mu w/cm^2$)

| 杀灭对象name | | 秒 (s) | 杀灭对象name | | 秒 (s) |
|-----------------|---------------------------------|-------|----------------------|--------------------------------------|---------|
| 细菌类 Bacteria | 炭疽杆菌 Bacillus Anthracis | 0.3 | 霉菌孢子 Mould Spores | 黑曲霉 Aspergillus Niger | 0.3-0.7 |
| | 破伤风杆菌 Clostridium Tetani | 0.3 | | 毛霉菌属 Mucor Mucedo | 4.6 |
| | 痢疾杆菌 Dysentery bacillus | 1.5 | | 青霉菌属 Penicillium Roqueforti | 0.9-3.0 |
| | 大肠杆菌 Escherichia Coli | 0.4 | 水藻类 Algae | 兰绿藻 Blue-Green Algae | 10-40 |
| | 葡萄球菌属 Staphylococcus | 1.3 | | 线虫卵 Nematode Eggs | 3.4 |
| | 结核杆菌 Micobacterium Thberculosis | 0.4 | | 绿藻 Green Algae | 1.2 |
| 病毒 Virus | 嗜菌胞病毒 Bacteiphage | 0.2 | 鱼类病 Fish Disease | 原生动物类 Protozoa | 4.0-6.7 |
| | 流感病毒 Influenza Virus | 0.3 | | 白斑病 Leukoderma | 2.7 |
| | 脊髓灰质炎病毒 Poliovirus | 0.8 | | 传染性胰坏死 Infetions pancreatic necrosis | 4.0 |
| | 乙肝病毒 Hepatitis B Virus | 0.8 | | 细菌性出血 Bacterial Hemorrhage | 1.6 |



3 Gear timing & Child Lock

3 Gear timing (15, 30, 45min)

according to size of disinfection space

Equipped with a child lock function, which can only be operated after unlocking to avoid children's misuse



Bathroom

15min



Bedroom

30min



Living Room

45min

Biosensing is safer

Microwave radar on 5.8GHz and the fourth FL+ algorithm can monitor the active life to guarantee the safety of life



If people or animals move within 5 meters before the lamp is started, the lamp will not start disinfection.



After the lamp is started, if there are people or animals moving within 5 meters, the lamp will suspend disinfection, and the disinfection will continue after the people or animals leave.



After the lamp is started, if people or animals enter the range of 5 meters and interrupt work 5 times, the sterilization operation will be cancelled



Every time the system is started, the core components will be self-checked, and if there is a fault, a corresponding prompt will be made to ensure 100% safety.

*Because the radar work is greatly affected by environmental factors, the sensing range may be shortened, but the minimum is not less than 2 meters.



Voice prompt, convenient operation



Please press and hold “Power” button for 3 seconds to unlock.



Please press “Timer” button to select duration



Press “Power” button to start the disinfection process.



Disinfection process has completed

Aluminum alloy shell, patented structure

The shell is made of aluminum alloy stretched and formed by multiple CNC processes. It adopts a patented structure, which brings higher structural safety and excellent UV resistance, which can effectively protect the lamp tube while preventing material aging.



*There was no change in properties when exposed to 30 times the intensity of ultraviolet radiation for more than 1000 hours.



 *Customized LOGO and package available

Long power cord

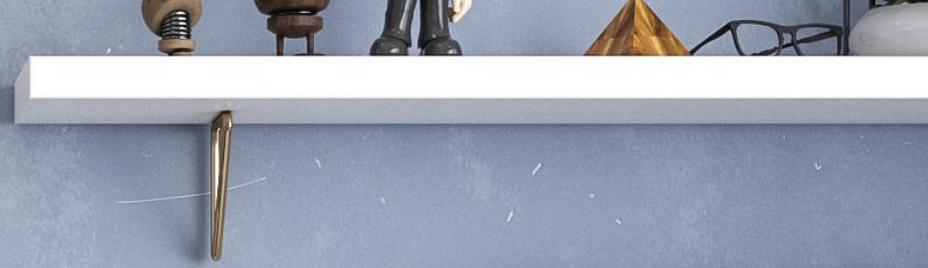


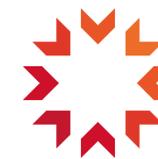
Conventional products are equipped with a 1.5-meter power cord as standard, which is often unable to find a socket.



Our product with 3 meters longer power cord, usually you can find the socket within a radius of 3 meters







Thank You



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