222nm 紫外线产品说明书



产品概述|Product Overview|

感谢您购买我们的产品。使用前请务必仔细阅读此说明书并妥善保管，已备参考。执行标准:GB19258-2012

Thank you for purchasing our product. Please read this instruction manual carefully before use and keep it properly for future reference. Execution Standard: GB19258-2012

本产品是一款采用 222nm 波长紫外线的杀菌消毒设备，基于紫外线（UVC）的强效杀菌原理设计，可快速灭活细菌、病毒等微生物，适用于医疗、卫生、水处理、空气净化等领域。产品符合国际安全标准（UL、MSDS、CE、ROHS、FCC 认证），高效稳定，操作便捷。

This product is a disinfection device that utilizes ultraviolet light with a wavelength of 222nm, designed based on the powerful sterilization principle of ultraviolet (UVC), capable of rapidly inactivating bacteria, viruses, and other microorganisms. It is suitable for use in medical, health, water treatment, air purification, and other fields. The product complies with international safety standards (UL、MSDS、CE、ROHS、FCC certification), is highly efficient and stable, and easy to operate.

技术参数

项目丨Project	参数说明丨Parameter Description
紫外线波长丨Ultraviolet wavelength	222nm ± 2nm
功率丨Power	38W
使用寿命丨Service life	8,000-10,000H
工作电压丨Working voltage	AC 110V±10% 50Hz
防护等级 丨Protection level	IP20（室内使用/Indoor）
材质丨Material	铝+V0 ABS(aluminium+ V0 ABS)
适用环境丨Applicable environment	温度：0-40℃；湿度：≤80%RH Temperature: 0-40 ℃; Humidity: ≤ 80%RH
重量丨Weight	2.5KG

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应用领域丨Application field

-医疗场所：手术室、病房、器械表面杀菌

Medical facilities: Operating rooms, wards, disinfection of equipment surfaces

-公共场所：学校、酒店、办公室空气净化

Public places: school, hotel, office air purification

-水处理：饮用水、污水杀菌消毒

Water treatment: drinking water, sewage sterilization and disinfection

- 实验室：无菌操作台、培养箱内部消毒

Laboratory: Disinfection of the interior of the aseptic operation table and incubator

- 家用：厨房、卫生间、母婴用品消毒

Home use: Kitchen, bathroom, baby care products disinfection

使用说明丨 Instructions for use

1. ***安装***丨 Installation

- 确保设备固定稳固，避免晃动。

  Ensure that the equipment is securely and stably fixed to avoid shaking.

- 保持紫外线直射区域无遮挡物，确保杀菌效果。

  Ensure there are no obstructions in the area of direct ultraviolet radiation to ensure the sterilization effect.

- 建议由专业人员安装，或参考安装示意图操作。

  It is recommended that installation be carried out by professionals, or refer to the installation diagram for operation.

2. ***操作流程***丨 Operation

①.插电后绿灯常亮，消毒灯待机。

After plugging in, the green light stays on and the disinfection light is on standby.

②.长按 3 秒开机/关机。

Press and hold for 3 seconds to turn on/off.

③.短按按键循环切换 15/30/60 分钟定时。

Short press the button to cycle between 15/30/60 minute timer.

④.开始前 30 秒 PIR 雷达扫描，若有人/动物报警暂停，无有人/动物后启动。

Start PIR radar scanning 30 seconds before the start. If there is a person/animal alarm, pause it. If there is no person/animal, start it.

⑤.切换模式会取消当前定时并重新扫描。

Switching modes will cancel the current timer and rescan.

⑥.模式切换时绿灯闪烁提示。

When switching modes, the green light flashes to indicate.

⑦.消毒结束自动关机。

Automatic shutdown after disinfection is completed.

3. ***注意事项*** 丨Precautions

- 禁止肉眼直视紫外线光源，避免皮肤和眼睛损伤。

  Prohibit direct eye contact with ultraviolet light sources to avoid skin and eye damage.

- 消毒时确保人员、动植物撤离现场。

  Ensure that personnel and animals and plants are evacuated from the site during disinfection.

- 定期清洁灯管表面灰尘，避免影响杀菌效率。
  Regularly clean the dust on the surface of the lamp tube to avoid affecting the sterilization efficiency

4.***安全警告*** | Safety Warning

紫外线辐射危险：长期暴露可能导致皮肤灼伤、眼部炎症，操作时需佩戴防护眼镜和手套。
Ultraviolet Radiation Hazard: Prolonged exposure may lead to skin burns and eye inflammation, protective glasses and gloves should be worn during operation.

臭氧提示：部分型号可能产生微量臭氧，消毒后建议通风 10 分钟。
Ozone warning: Some models may produce a small amount of ozone, it is recommended to ventilate for 10 minutes after disinfection.

儿童禁止操作：本设备需成人使用，远离儿童接触范围。
Children are prohibited from operating: This device requires adult use and should be kept out of the reach of children.

5***维护与保养*** | Maintenance and Care

1. 日常清洁：用无水酒精擦拭灯管表面，断电冷却后进行。
Daily cleaning: Wipe the surface of the lamp tube with anhydrous alcohol, and perform after the power is cut off and it has cooled down.

2. 更换周期：当紫外线强度衰减至初始值 70%或累计使用达 3,000 小时，建议更换灯管。
Replacement cycle: It is recommended to replace the lamp when the ultraviolet intensity decreases to 70% of the initial value or after 累计使用达 3,000 hours of cumulative use.

3. 故障处理：若设备异常（如不亮灯、异响），立即断电并联系售后。
Fault handling: If the device is abnormal (such as not lighting up, making unusual noises), immediately cut off the power and contact after-sales service.

售后服务 | After-sales service

- 质保期：1 年（非人为损坏免费维修）。
  Warranty Period: 1 year (free repair for non-human damage)
- 客服支持：提供技术咨询、安装指导及故障排查服务。
  Customer Support: Provides technical consultation, installation guidance, and troubleshooting services
- 配件购买：原厂灯管、电源模块等配件可通过官方渠道订购。
  Accessories purchase: Original factory light tubes, power modules, and other accessories can be ordered through official channels.

生产商：深圳市明之源科技有限公司 | Shenzhen LightS Technology Co., LTD
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!!!请在使用前务必阅读本说明书，正确操作以确保安全与效果。
Please be sure to read this manual before use and operate it correctly to ensure safety and effectiveness