

# 多功能杀菌盒

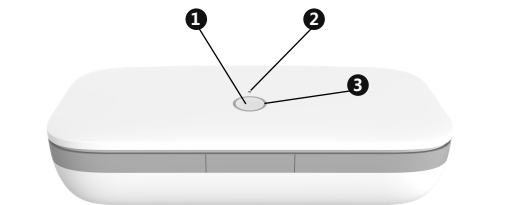
Model: HSU-002



使用说明书

## 产品介绍

本款产品是一款紫外线杀菌盒，采用紫外线杀菌技术，杀菌只需3分钟。杀菌率达99.9%，无辐射，使用安全放心



- 1 开关按键
- 2 无线指示灯
- 3 杀菌指示灯（环形灯）
- 4 LED杀菌灯珠
- 5 USB接口（Type-C）

## 使用步骤

1.先将USB线连接产品Type-C接口



2.将需要杀菌的物品平整地放入盒子中关闭，指示灯亮蓝色，并开始杀菌（指示灯停止呼吸闪烁，杀菌完成）



3.手机无线充电  
将产品连接电源，把手机放入杀菌盒中。单击按键打开无线充电，此时无线充电的指示灯在闪烁2次后常亮蓝色。双击按键关闭无线充电，指示灯也一起熄灭。



## 工作方式：

- 1, 关闭盒子自动开启杀菌模式，每半小时自动开启杀菌一次，每次3分钟。
- 2, 开盖关闭杀菌，盒盖后再次转为3分钟的持续杀菌
- 3, 自动杀菌16次后（即8小时），自动关闭杀菌功能，等到下次开盖再次重复。
- 4, 盒盖时，任何状态长按开关一次，开启强杀菌模式，持续杀菌15分钟，15分钟后关闭杀菌功能。如有开启无线充电功能，则无线充不受影响。

## 适用杀菌范围

用于日常使用小物件的杀菌，如手机类电子产品、女性化妆用品、婴儿奶嘴类、等各种小物件。

## 杀菌原理

通过LED紫外线杀菌，紫外线能够破坏细菌的DNA或者RNA分子结构，使细菌彻底死亡，不能繁衍再生。

## 安全保护

产品内置智能保护系统，在消毒时不小心打开盒子，紫外线将立刻停止杀菌工作，防止紫外线直接照射到眼睛、皮肤造成伤害。

## 产品参数

- 1.产品名称：多功能杀菌盒
- 2.产品型号：HSU-002
- 3.额定输入：5V/2A
- 4.输入接口：USB接口（Type-C）
- 5.LED波长：260-280nm
- 6.机身尺寸：245\*134\*60(mm)
- 7.LED灯珠数量：6\*2mW
- 8.辐射照度：≤1000μW/cm<sup>2</sup>
- 9.灯珠寿命：5000小时
- 10.温度：工作温度（0~40℃），储存温度（-20~55℃）  
充电温度（0~40℃）

## 常见菌种及疾病参考

菌种	易引发的疾病
手足口病病毒	发热、皮疹、心肌炎、脑膜炎等
淋病奈瑟菌	尿道炎、宫颈炎、关节炎、脑膜炎
肝炎病毒	甲肝、乙肝等病毒性肝炎
痢疾杆菌	痢疾等肠道传染病
伤寒沙门菌	伤寒、肠热症、胃肠炎、败血症等
流感病毒	流感性感冒、禽流感等
大肠杆菌	腹泻、败血症、尿道感染等
结核杆菌	结核病、炎症等
诺如病毒	感染性腹泻、呕吐、腹部疼痛等

## 包装清单

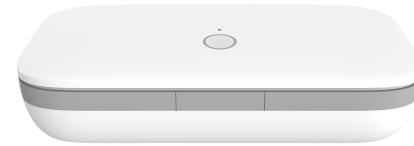
- 1 杀菌盒\*1
- 2 USB线（Type-C）\*1
- 3 使用说明书\*1
- 4 绒布袋\*1

## 温馨提示

- 本产品选用高品质环保材质，敬请放心使用。
- 本产品开盖时，禁止裸眼直视杀菌灯。
- 切勿摔碰、自行拆开或刺穿本产品。
- 勿将本产品暴露在火中、高温中或水中。
- 使用本产品时建议选用正规品牌电源充电器、USB线。
- 如果发现杀菌盒有其他不良现象，请停止使用。
- 此设备不适用于生理、感知和心智能力低下的人士（包括儿童），也不适用于缺乏相关经验和知识的人士，除非有专门负责他们人身安全的人士监督或指导他们使用此设备。应当看管好小孩，以确保不将此设备当作玩具。



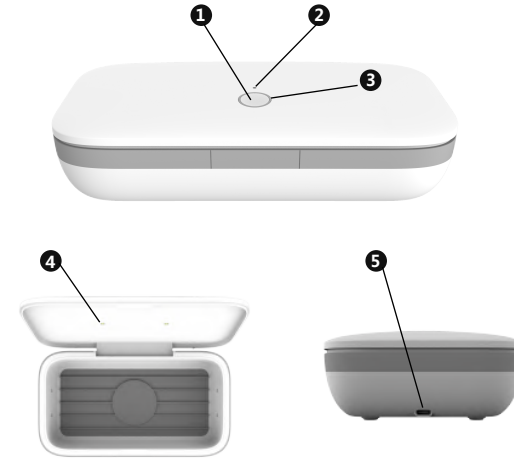
## Multi-function UVC Sterilization Box



### Instruction

### Product introduction

The product is UVC sterilization box, made of the technology of UVC sterilization. It takes only 3 minutes for one key sterilization. The bactericidal rate is 99.9%. No radiation, Be safe and reliable.



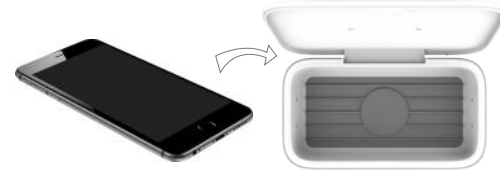
- 1 Switch Key
- 2 Wireless charging indicator
- 3 Sterilization light (Round style)
- 4 Led sterilization lamp
- 5 USB port (Type-C)

### Using steps

1. Connect the USB cable to the type-C port firstly.



2. Put the things into the box flat and close the box. The round breathing light will be blinked with blue color. Then start to sterilize the things. (The light will be stopped to blink when the sterilization is completed)



3. Wireless charging for mobile phone (connect the power supply and put the phone into the box. Single-click the key to turn on wireless charging. The wireless indicator will be blue after blinking twice. Double-click the key to turn off wireless charging. The wireless indicator will be also turned off.



### Operation mode

#### Sterilization mode

1. Start the sterilization mode automatically when contact to the power. The sterilization time is 3 minutes per time. Then start the sterilization every half an hour automatically.
2. Open the box and the sterilization will be closed. Then Turn to continuous sterilization for 3 minutes after the box is closed again.
3. The sterilization mode will be turned off automatically after the automatic sterilization for 16 times (i.e. 8 hours). It will be repeated again when next opening.
4. Long press the key for 3 seconds when the box is closed. Turn on the forced mode and keep the sterilization for 15 minutes. Turn off the sterilization function after 15 minutes. Wireless charging will not be affected if the wireless charging function was enabled.

#### Wireless charging mode

1. Single-click the key to turn on wireless charging. Double-click the key to turn off wireless charging.
2. Twinkle per 1.5 seconds when foreign material testing. Then the indicator will be off after 15 seconds. Wireless charging will be turned off after 30 seconds.
3. Wireless charging is not affected when the box was open.

### Applicable sterilization scope

For daily use of small objects sterilization, such as mobile phone or electronic products, women's cosmetics, baby nipples, and other small objects.

### Sterilization principle

Through LED ultraviolet sterilization, ultraviolet can destroy the DNA or RNA molecular structure of bacteria, so that bacteria will be died completely and not be reproduced.

### Safeguard

The product is equipped with a built-in intelligent protection system. If the box was opened carelessly during disinfection, The sterilization will be stopped immediately. So it could prevent the damage caused by direct ultraviolet radiation to eyes or skin.

### Product parameters

1. Product Name: multi-function UVC sterilization box
2. Product model: HSU-002
3. Rated input: 5V / 2A
4. Input port: Type-C
5. Led wavelength: 260-280nm
6. Product size: 245 \* 134 \* 60 (mm)
7. Power of LED: 6 \* 2mW
8. Irradiance:  $\leq 500 \mu\text{W}/\text{cm}^2$
9. LED life: 10000 hours
10. Temperature: working temperature (0 ~ 40°C), storage temperature (- 20 ~ 55°C), charging temperature (0 ~ 40°C)

### Common bacteria and disease reference

Bacteria	Predisposing diseases
HFMD virus	Fever, rash, myocarditis, meningitis, etc
Neisseria gonorrhoeae	Urethritis, cervicitis, arthritis, meningitis
hepatitis virus	Hepatitis A, hepatitis B and other viral hepatitis
Shigella dysenteriens	Diarrhea and other intestinal infectious diseases
Salmonella typhi	Typhoid, enterofebrile, gastroenteritis, septicemia, etc
Influenza virus	Influenza, avian influenza, etc
Escherichia coli	Diarrhea, septicemia, urinary tract infection, etc
Mycobacterium tuberculosis	Tuberculosis, inflammation, etc
Norovirus	Infectious diarrhea, vomiting, abdominal pain, etc

### FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
- Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.  
Increase the separation between the equipment and receiver.  
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:  
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.