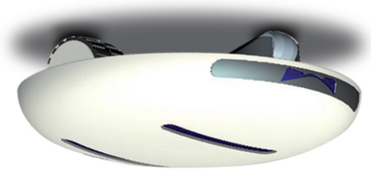
消毒杀菌除螨机器人
DISINFECTION STERILIZATION ROBOT



USER GUIDE

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English

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广东省微生物分析检测中心
GUANGDONG DETECTION CENTER OF MICROBIOLOGY
分析检测结果
ANALYSIS AND TEST RESULT
报告编号（Report No.）：2020SP0407801D

1. 作用时间 Action Time：5min
2. 作用距离 Action distance：2cm
3. 测试菌株 Results：

测试菌种 Test organisms		试验组 组别 Test group	实验组平均菌落数 Average cfu of testing groups (cfu/片 piece)	对照组平均菌落数 Average cfu of positive controls (cfu/片 piece)	杀灭率 Sterilization rate (%)
大肠杆菌 (*Escherichia coli*) 8099	1	<5	1.1×10⁶	>5.34	>99.99
	2	<5	1.1×10⁶	>5.34	>99.99
	3	<5	1.1×10⁶	>5.34	>99.99
	平均值 Average				
金黄色葡萄球菌 (*Staphylococcus aureus*) ATCC 6538	1	<5	1.8×10⁶	>5.56	>99.99
	2	<5	1.9×10⁶	>5.58	>99.99
	3	<5	1.7×10⁶	>5.53	>99.99
	平均值 Average				
白色念珠菌 (*Candida albicans*) ATCC 10231	1	<5	1.9×10⁶	>5.58	>99.99
	2	<5	1.9×10⁶	>5.58	>99.99
	3	<5	2.0×10⁶	>5.60	>99.99
	平均值 Average				>5.59 >99.99

Sterilization Rate >99.99%

广东微检 MA 2018190008S3 CNAS TESTING CNAS L1747

MSDS MATERIAL SAFETY DATA SHEET PS(E) RoHS FC CE

消毒杀菌除螨机器人
DISINFECTION STERILIZATION ROBOT

Information

Product Introduction and parameters

10 Sensors
2UV-C Lights 640g
2600mAh High Capacity.
16CM*16CM*5CM
3 Modes
3h Endurance
Infrared Ser 2h Charge 1

An ordinary uv lamp will not kill mites.

UV-C lamp is a gas discharge lamp, filled with high-pressure mercury vapor in the quartz tube, or add metal halide, strong ultraviolet radiation, wavelength 254 nm.

UV-C lamp used in Disinfection sterilization robot auto sterilization robot is mainly powered by magnetic flux leakage transformer. With primary winding input of 5V and secondary winding output of over 1000V. (with different power and working voltage, the bactericidal rate of output voltage less than 1000V is 0, and that of output voltage greater than or equal to 1000V can reach 99.99%).

Connect one or several capacitors in the circuit, and then connect with the UV lamp, because of the existence of the capacitor, also make the current of the lamp in a stable state (safe and healthy don't be careful of electric shock).

warnings & Advice

Use this product more efficiently and safely

(1) The time for bathing before going to bed is about 30 minutes, and the period for Disinfection sterilization robot cleaning is also 30 minutes. It is recommended to take a bath before going to bed to clean the bed

(2) UV-C lighting is not harmful to the human body during normal use, but long-term exposure to the human body may adversely affect the skin

(3) Do not use Disinfection sterilization robot as a toy for children or babies

(4) Do not direct the eyes of UV-C light

(5) This product should not be soaked in water and should not be exposed to the sun

(6) The mites on the screen of the mobile phone are four times as large as the mites on the sheets. It is the easiest item to breed mites. It is recommended to sterilize and remove mites frequent to avoid affecting the facial skin

(7) Children are less resistant than adults. Toys are a hotbed of mites. It is recommended to clean toys, especially plush toys, regularly

(8) In addition to bed sheets, door handles and toilet lids are particularly susceptible to aphids and bacteria.

(9) Although there is a Disinfection sterilization robot, it does not mean that the sheets and the like do not need to be cleaned. Disinfection sterilization robot is a sterilization and removing function, which can effectively inhibit the regeneration of bacterial microorganisms. It Is recommended to clean the sheets and other items regularly. The freshly washed clothes are cleaned twice with Disinfection sterilization robot. The cleaning effect is the best

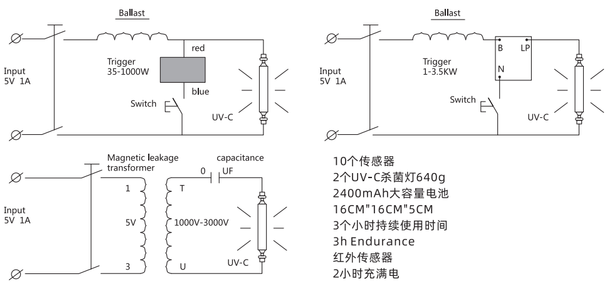
(10) Because some kind of black cannot reflect the induction signal, such as black leather sofa and other contact surfaces, Disinfection sterilization robot cannot walk properly. For this reason, manual mode is recommended.

(11) Please do not tear the screw sticker, otherwise quality and after-sales NOT guaranteed

(12) The structure of this product is an encrypted design. In order to prevent technical leakage, please do not tear off the tamper-evident sticker, otherwise no warranty or other after-sales service will be provided.

参数规格

产品介绍和参数/为什么可以高效除螨杀菌



10个传感器
2个UV-C杀菌灯640g
2400mAh大容量电池
16CM*16CM*5CM
3个小时持续使用时间
3h Endurance
红外传感器
2小时充满电

普通的紫光灯是不能杀死螨虫的。

UV-C灯是一种气体放电灯，在石英管中充满高压汞蒸气，或加入金属卤化物，能释放强烈的紫外线，波长254nm。消毒杀菌除螨机器人使用的UV-C主要由漏磁变压器供电，初级绕组输入为5V,次级绕组输出超过1000V（具有不同的功率，使得电压99.99%达到1000V）。

在电路中连接一个或多个电容器，然后连接紫外灯，由于电容器的存在，也使灯的电流处于稳定状态（这有助于安全，但要小心触电）。

警告建议

让您更有效，更安全地使用本产品

(1) 睡前洗澡的时间大概30分钟，消毒杀菌除螨机器人清洁一次的周期也是30分钟。建议睡前洗澡的时间进行床铺的卫生清洁。

(2) 正常使用过程中UV-C灯光对人体没有危害，但是长期照射人体会对皮肤造成不良影响。

(3) 不要把消毒杀菌除螨机器人当成小孩或者婴儿的玩具。

(4) UV-C灯光不要直射眼睛。

(5) 本产品不能浸水浸泡，不能在烈日下暴晒。

(6) 世界酒店卫生普遍堪忧，外出旅行或出差建议带上消毒杀菌除螨机器人。

(7) 手机屏幕上的螨虫是床单上面螨虫的四倍，是最容易滋生螨虫的物品，建议经常杀菌除螨，以免造成脸部皮肤烦恼。

(8) 小孩和妇女比成年男性的抵抗力更低，毛绒玩具是螨虫的温床，建议定期清洁玩具特别是毛绒玩具。

(9) 除了床单，门把手和马桶盖也特别容易滋生螨虫和细菌。

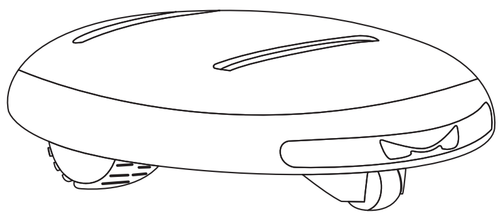
(10) 虽然有消毒杀菌除螨机器人但是不代表床单之类的物品不用再清洗，消毒杀菌除螨机器人是杀菌除螨功能，可以有效抑制细菌微生物再生，建议定期清洗床单等物品，刚洗涤过的衣物用消毒杀菌除螨机器人做二次清洁效果最好。

(11) 因为有些色度的黑色无法反射感应信号，如黑色真皮沙发等接触面，消毒杀菌除螨机器人无法正常行走，建议使用手动模式。

(12) 使用前请尽量使床单表面及边缘平整。

(13) 由于每个家庭的床单质量不一样，有些床单布料非纯棉或者棉麻，比如20%尼龙+80%棉的布料会比较光滑，表面太过于光滑将导致本产品有1-2%的概率会跌落床底，属于正常现象。

(14) 本产品结构属于加密设计，为了防止技术外泄，请不要撕开螺丝防拆贴纸，否则不予保修和其它售后服务。



DISINFECTION STERILIZATION ROBOT

消毒杀菌除螨机器人

CE FC RoHS PS E MSDS Material Safety Data Sheet

产品背景

您为什么需要这个产品/产品背后的故事

这是因为您在日常生活中接触的病菌螨虫比您想象中的要多，床铺、沙发、衣服、玩具等等，./人类已发现的螨虫五万多种。我们杀菌螨虫和人可以对一切物体进行杀菌除螨,同时抑制空气中的螨虫和细菌传播。

经过瑞士SGS认./.州检生物研究所等第三方验证测构测试，消毒杀菌除螨机器人可以杀灭99.99%病菌和螨虫。

消毒杀菌除螨机器人可以对一切物体进行杀菌除螨,同时抑制空气中的螨虫和细菌传播。

螨虫和细菌多存在床垫内外，还有毛绒玩具、沙发、手机、门把手、电灯开关和电磁遥控器等常接触到的物品。

在纵斯特大学的一项研究中,研究人员对酒店房间的19个经常接触物品进行测试,发现卧室灯的开关每平方厘米里有112.7个菌落形成，这些数字是相当惊人的,虽然酒店保洁阿姨每天有努力对酒店房间进行清洁工作一更何况是在家里呢?

消毒杀菌除螨机器人是世界上唯一一款以人为本从心出发而设计的全自动除螨机器人。让您智慧旅行,健康居家。

消毒杀菌除螨机器人是一款内置AI传感器的智能机器人。

内置两个UV-C灯管,254纳米的紫外线可以杀死任何物品表面99.99%的螨虫和病菌。

虽然酒店的床上因螨虫和病菌而臭名昭著,拥有了这个产品之后,请您行行好,您不必担心这一点，无论您是工作出差还是休闲旅行!省了它,您将无所顾虑的入住酒店。只需将消毒杀菌除螨机器人放在床上,它将全自动的进行除螨杀菌,解放双手!

消毒杀菌除螨机器人不仅能杀死细菌,病菌和尘螨。但在许多研究中已证明UV-C决实际上有助于防止空气传播病毒。

消毒杀菌除螨机器人是世界上唯一个有这样功能的东西!

Operation

Manual will make you more proficient

1、Auto mode: Open the cover as showing in the picture below, put your Disinfection sterilization robot on the place where need to be sterilized.Quickly press the switch twice, the Disinfection sterilization robot will walk automatically and sterilize.

2、Handheld Mode: close your Disinfection sterilization robot with the cover to the lock position, Press the switch one time to lighten the UV-C. Hold the silica gel belt and move the UV-C light close to the sterilizing objects.

3、On-bed Mede/Under-quilt Mode: long press on the key for 3 seconds to start the machine and the LED lamp will stay light then you can place the product under the quilt and other covers for automatic walking disinfection. If the LED lamp start to blink quickly (which means the Disinfection sterilization robot is at low power, there may be insensitivity on working), please stop it and charge it.

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- In auto mode there will be breathing LED lamp in front-end of the Disinfection sterilization robot if this light blinks quickly, (which means the Disinfection sterilization robot is at low power, there may be insensitivity on working)
- Charging display: the front-end breathing LED lamp is in breathing state when the product is charging . The constant breathing indicates that the product has been fully charged.
- Function of emergency charger: connect the Disinfection sterilization robot and your phone which need to be charged by a USB cable,no need to press the switch

操作方法

让您更高效的使用这款产品

1、自动模式：如下图所示打开盖子，将消毒杀菌除螨机器人放在需要消毒的地方。快速按下开关两次，消毒杀菌除螨机器人将自动运行并消毒。

2、手持模式：关闭您的消毒杀菌除螨机器人，将盖子锁定到指定锁止位置。按下开关一次，使UV-C变亮。握住硅胶带，将UV-C灯移近消毒对象进行消毒。

3、床上模式/床单模式:长按键3秒钟启动机器，LED灯保持常亮，然后你可以将产品放在被子下面进行自动运行消毒。如果LED灯出现快速闪烁（这意味着消毒杀菌除螨机器人处于低电量状态,运行速度缓慢），请停止并进行充电。

5E

- 在自动模式下，如果此指示灯快速闪烁，则消毒杀菌除螨机器人前端会有呼吸LED呼吸亮（这意味着 消毒杀菌除螨机器人功耗很低,可能对工作不敏感），请停止并充电。
- 充电显示：产品充电时，前端呼吸LED灯处于呼吸灯状态。呼吸灯处于恒亮状态表示产品已充满电。
- 应急充电器的功能：连接需要用USB线充电的消毒杀菌除螨机器人和手机，无需按下开关。

Background

Why do you need this product/Back story

This is due to the exposure to more bacteria and germs than normal in your daily life
We don't want you to suffer-we want you to enjoy your travels!
That is why Disinfection sterilization robot can sanitize and disinfect all hotel surfaces AND UV-C light helps prevent the spread of airborne viruses.In fact, the Disinfection sterilization robot was tested by an independent third party showing how it killed 99.99% of E.coli!
The areas with the most germs and bacteria include light switches and television remotes in addition to the bedspread

In one study out of the University of Houston, researchers tested 19 surfaces in hotel rooms for bacteria and found that main room light switches had an average of 112.7 colony-forming units of bacteria per cubic centimeter

Even discounting the need for hospital-like cleanliness-these numbers are staggering

Disinfection sterilization robot is the world's ONLY smart travel robot designed with YOU in mind

Disinfection sterilization robot is a smart robot with AI sensors built in
It uses TWO UV-C lamps to blast away 99.99% of germs and bacteria on ANY SURFACE

But most importantly, on your hotel bed
Hotels are notorious for germs and bacteria and you don't want to worry about that when you're traveling whether you are traveling for work or for fun

Just set the Disinfection sterilization robot down on the bed, and go about your day while it sanitizes and disinfectr bed sheets and blankets
Not only does Disinfection sterilization robot kill germs, bacteria, and dust mites,
but UV-C light has been proven In many studies to actually help prevent the spread of airborne viruses, too.