

Hand type LED ultraviolet antivirus light



S-MJ02

PRODUCT FEATURES:

- ❖ The scientific principle of ultraviolet disinfection: mainly ACTS on the DNA of microorganisms, damages the structure of DNA, and makes it lose the function of reproduction and self-replication so as to achieve the purpose of sterilization and disinfection. This product to a large extent solves the general sterilization lamp can not be fully disinfected local, small range, handheld portable is the biggest advantage of this product.
- ❖ For home travel, car, pet contact, mobile phones, masks, underwear and sanitary ware, can meet the needs of disinfection. Now many families have pets, pets have a variety of bacteria, for the health of the family especially the family with children is very unhealthy, this product can eliminate the prevalence of all kinds of bacteria.
- ❖ Now traditional household cleaning in addition to the daily cleaning, occasionally will take some 84 used to disinfect clean. We all know that everyday products are bad for our skin and don't smell very good. Ultraviolet disinfection sterilization lamp to help the family to solve this problem. Especially suitable for baby room, old person room, kitchen, toilet, the air inside the bedroom, article disinfection treatment.

PRODUCT APPLICATIONS:

The Hand type LED ultraviolet antivirus light Series can be widely used for medical, industrial, Articles and other fields sterilization, For example, Hospitals, factories, office buildings, warehouses and so on. We recommend you use the product in the following situations:

1. Basement, half basement, no ventilation, little to touch the sun.
2. There are old people and infants in the family.
3. Having a pet or other small animal at home.
4. Weak resistance, always easy to catch a cold or loose bowels or skin disease (for mites also have a certain killing effect).
5. There is no ventilation in the bathroom or kitchen and no sunshine all year round.
6. Do not live for a long time, or live in a new house before disinfection, Household disinfection.



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Specifications:



Structure Features:

- Shell Materials: Engineering plastics.
- Finish: Black.
- Net Weight: 0.174KG (0.38 LBS).
- Gross Weight: 0.2KG (0.44 LBS).
- Product Size: 375mmx40mmx35mm.
- Carton Size: 400mmx420mmx195mm (50Pcs/CTN).



TECHNICAL PARAMETERS:

Type	S-MJ02		
Power	3W (@10LED 3535 CHIP)	Ultraviolet wavelength UVA	390-395nm 10-200mW
Working Voltage	DC 5V	Ultraviolet wavelength UVC	270-280nm 4-6mW
Lamp lens	Sapphire	Working Life	20000 hrs
UVC Radiance	3000uj/cm2 (@5cm)	Optimum sterilization distance	1-5 cm
Working time	Discharge continuously for about 3 hours	Antivirus time	3-15 s
Charging time	Charge the lithium battery for 2-3 hours	The light source	Uv LED
Use	Handheld/Suspension	Visible color	Deep purple

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Principle of ultraviolet sterilization and disinfection:

❖ The principle of ultraviolet sterilization and disinfection is to destroy the molecular structure of DNA(deoxyribonucleic acid) or RNA(ribonucleic acid) in the cells of microbial body by using ultraviolet radiation of appropriate wavelength, resulting in the death of growing cells and/or regenerative cells, thus achieving the effect of sterilization and disinfection. The effective wavelength range of ultraviolet sterilization is generally divided into three different wavebands: UVA(400 ~ 315nm), UVB(315 ~ 280nm) and UVC(280 ~ 200nm). The only parts that reach the earth's surface through the ozone layer and clouds are UVA and UVB. For sterilization speed, UVC in microbial absorption peak area, but by destroying microorganisms within 1 s DNA structure kill viruses and bacteria, and because UVA and UVB rays is outside the scope of microbial absorption peak, sterilization speed is slow, often take several hours to have antiseptic effect, uv disinfection technology is based on modern epidemic prevention science, medicine and light dynamics, on the basis of using the special design of high efficiency, high strength and long life of UVC ultraviolet light band, to all sorts of bacteria, viruses, parasites, and other pathogens directly kill, achieve the purpose of disinfection. Studies show that ultraviolet radiation mainly through the microbial (bacteria, viruses, spores and other pathogens) radiation damage and destruction of nucleic acid function to kill microorganisms, so as to achieve the purpose of disinfection. The effect of ultraviolet radiation on nucleic acid can lead to the breaking of bonds and chains, cross-linking between strands and the formation of photochemical products, etc., thus changing the biological activity of DNA, so that microorganisms cannot replicate themselves, and this kind of ultraviolet radiation damage is also fatal damage. Ultraviolet disinfection is a physical method, it does not add any substances, no side effects, which is better than chemical disinfection.

❖ Ultraviolet disinfection lamp, it is to use ultraviolet ray to kill include bacterium propagator, bud cell, mycobacterium, coronavirus, fungus, rickettsia and chlamydia to wait, the object surface that every is polluted by afore-mentioned virus, water and air, all can use ultraviolet ray disinfection.

Friendship remind:

Uv of 270nm belongs to short-wave UVC, and its penetration ability is weak, so it cannot penetrate most transparent glass and PVC. When using it, please pay attention to the light source not to be blocked by relevant materials, which will affect the sterilization effect !

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Matters needing attention:

Because ultraviolet ray can kill a cell, when this ultraviolet ray sterilizes and sterilizes, want to pay attention to cannot irradiate directly to the person's skin, especially the person's eye, when ultraviolet ray sterilizes a lamp to be lit, do not look directly at illuminant, because short wave ultraviolet ray does not pass through common glass, wear glasses to be able to avoid eye to get hurt. If not narrow-minded injury, can drop eye drops or human breast to help recover. When the occasion that is in somebody, do not use to have ozone lamp tube, when ozone concentration is high, adverse to human body:

- ❖ Use attention to rare items for shielding, to prevent ultraviolet radiation discoloration.
- ❖ Turn off the power when cleaning, use clean soft cloth or alcohol to wipe gently, avoid using organic solvents such as gasoline.
- ❖ Prevent children from playing and touching, prevent the wrong operation of the lights on the human body.
- ❖ Open a window to ventilate immediately after indoor disinfection.
- ❖ Ultraviolet rays can cause burns to eyes and skin, and people and animals can leave the scene within 10 seconds.
- ❖ It only works on certain viruses, microbes and bacteria, but not on insects, cockroaches, fleas and other living things.



This product has certain harmfulness, belongs to the special commodity, any improper operation, does not follow the instruction to use may cause to the human body or the article to harm, the manufacturer and the seller all does not assume any legal responsibility which therefore brings !