



Product Card:

UV-C disinfection lamp 150W

Technical parameters:

Voltage	110 / 220V
Power	150W
Coverage area	up to 80m ²
Dimensions	1000 x 200 x 200mm
Wavelength	254nm / 185nm (ozone)
Control	time adjustment knob

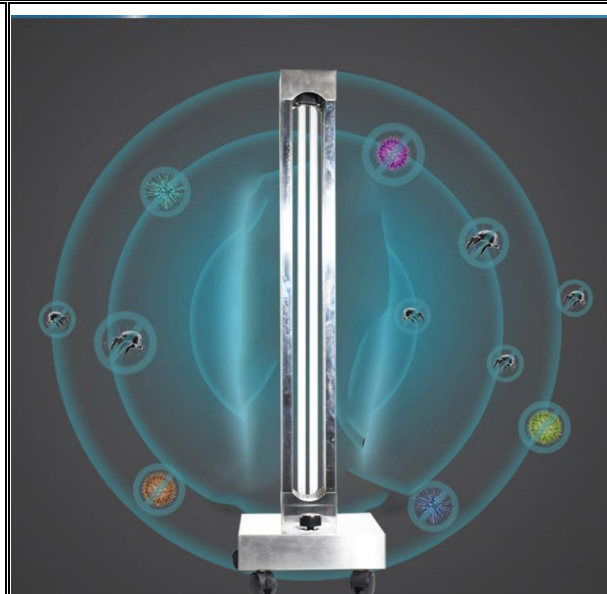
UV-C lamps for disinfection and sterilization emit UV-C radiation, ensuring the elimination of many types of bacteria and viruses, including, most importantly, SARS Cov-2, which causes COVID-19 disease.

Features:

- mobility,
- depending on the needs / type of lamp, it is possible to choose the length of UV radiation emitted,
- 185nm UV-C radiation with additional ozone emission,
- 253.7nm UV-C radiation without additional ozone emission,
- possibility of either remote or delayed switching on and off of the luminaire,
- adjustable operating time.

Application:

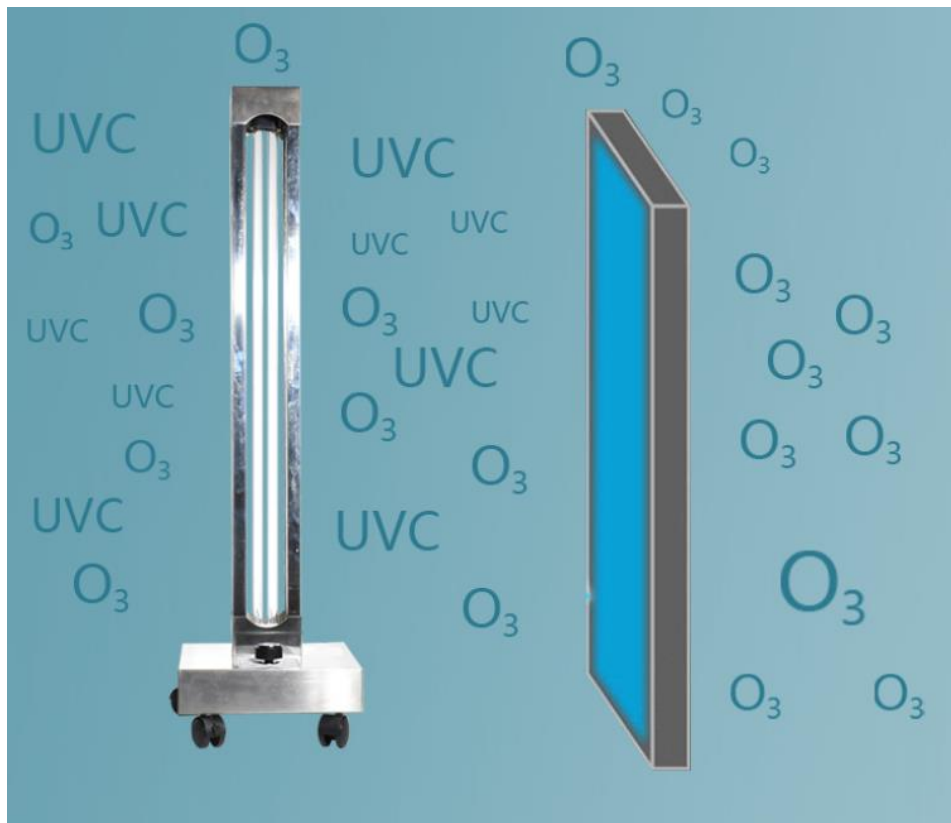
- sanitary facilities and social rooms,
- office rooms,
- shops,
- hotel rooms,
- beauty and hairdressing salons,
- industrial and warehouse halls,
- production halls,
- public administration buildings,
- public use vehicles (trams, buses, railway carriages)



The ultraviolet disinfection lamps can purify the air, eliminate odour, disinfect, sterilize and remove mites.

In addition, it can generate a certain amount of ozone ion.

In public places UV disinfection can also prevent some bacteria from spreading through the air or passing through objects.



Non-Ozone (253.7nm)	Ozone (185nm)
Advantages:	
<ul style="list-style-type: none"> • Basic disinfection and sterilization by ultraviolet radiation. • Only 20-30 minutes of ventilation required after using the lamp. 	<ul style="list-style-type: none"> • Double UV disinfection + ozone, 360°. • Lack of so called "dead ends" challenges. • Disinfection in rooms where 'non-ozone' radiation does not reach 100% of all spots. • Eliminates odors.
Disadvantages:	
<ul style="list-style-type: none"> • There are so-called "dead ends", where UV radiation does not reach. 	<ul style="list-style-type: none"> • A strong odor is emitted during ozonation, therefore a longer ventilation time is required - about 40 min.
Application:	
<ul style="list-style-type: none"> • Recommended for empty rooms without so-called "dead ends" and for rooms with poor ventilation. 	<ul style="list-style-type: none"> • Large rooms with so-called "dead ends".



The lamp is equipped with a knob adjusting working time and an automatic switch off. You can set up to 60 minutes of continuous lamp operation. After that time, the lamp will turn off automatically.



Certificate / test report:

广微测
Gmicro Testing

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.): 2019FM10181R01D

样品前处理: 样品与螨虫的作用距离为 1cm, 作用时间为 30 分钟。
Sample pretreatment: The action distance between the sample and the mite is 1cm, and the action time is 30 minutes.

样品名称 Name of Sample	作用时间 Action time	对照组活螨数 The number of live mites in the control group (只)	试验组活螨数 The number of live mites in the test group (只)	杀螨率 Killing rate of mites (%)
格美斯紫外线杀菌灯 Gemisi UV germicidal lamps	30min	900	0	100

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报告编号 (Report No.): 2019FM10181R02D

1.样品前处理: 以玻璃为载体, 作用距离为 1cm, 作用时间为 30 分钟。
Sample pretreatment: Take glass as the carrier, then the action distance is 1cm and the action time is 30 minutes.

2.试验结果 Test Result:

试验菌株 Test germ	试验组别 Test group	对照组平均菌落数 Average cfu of positive controls (cfu/piece)	试验组平均菌落数 Average cfu of testing groups (cfu/piece)	杀灭率 Killing rate (%)	杀灭对数值 Sterilization logarithm
大肠杆菌 (<i>Escherichia coli</i>) 8099	1	1.8×10^6	1.3×10^3	99.93	3.15
	2	1.8×10^6	1.3×10^3	99.93	3.15
	3	1.6×10^6	1.3×10^3	99.92	3.09
金黄色葡萄球菌 (<i>Staphylococcus aureus</i>) ATCC 6538	1	1.1×10^6	7.0×10^2	99.94	3.19
	2	1.0×10^6	6.6×10^2	99.93	3.18
	3	2.6×10^6	6.2×10^2	99.94	3.19
白色念珠菌 (<i>Candida albicans</i>) ATCC 10231	1	3.9×10^6	1.7×10^3	99.96	3.36
	2	3.6×10^6	1.8×10^3	99.95	3.30
	3	3.6×10^6	1.7×10^3	99.95	3.33

Application scenarios:



*** Warning ***

People and animals must leave the area, while using the UV disinfection lamp. Long contact with UV radiation causes burns to eyes and skin. If applying non-ozone disinfection, ventilation is required, approximately 20-30 minutes. If applying ozone disinfection, it is necessary to close the room for 40 minutes after the lamp has finished. After this time, ventilate the room for about 20-30 minutes. Do not light directly on the food. While disinfecting the bed don't put lamp directly on it.