

gako UV-C Air Sterilizer

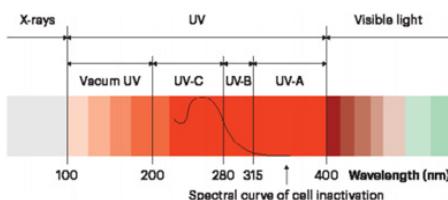
Protect yourself and the people around you

gako

gako UV-C Air Sterilizer (mobile)

It is suitable for dynamic indoor air disinfection in hospitals, medical examination cabinets, pharmacies, waiting rooms, and pharmaceutical factories.

- Illuminated boat switch, one button to turn on and off
- Manual controlled disinfection operation
- Using quick disassembly shell, convenient for daily cleaning and maintenance, and circulating air with silent fan
- Using long-life, C-band (wavelength 253.7nm) ozone-free ultraviolet improves microbial air safety against viruses, bacterias and fungi
- Silent swivel casters, easy to move
- It adopts the unique structure of side air inlet and air outlet before, which reduces the reserved space at the rear and can be placed against the wall



Technical Parameters

Circulating Air	≥800m ³ /h	
Noise	≤55dB	
O ₃ concentration in the air during dynamic disinfection	≤0.1mg/m ³	
Applicable Room	≤80m ³	
Ultraviolet Leakage	≤5μw/cm ²	
Working Environment	Temp. Range Humidity Atmosphere pressure	-10°C~40°C ≤80% 60KPa-106KPa
Consumption	≤260W	
Power Supply	AC220V±10%, 0/60Hz	
External Size (WxDxH)	425x300x830 mm	
Packaging Size (WxDxH)	510x384x930 mm	
Gross Weight	28.5 kg	

Test results for gako UV-C Air Sterilizer

Test with Staphylococcus Albus

First test was performed in a temperature of (20-25°C), and relative humidity of (50-70)% RH. The sterilizer has an effect of 99.90%, 99.92%, and 99.90% respectively in terms of the disinfection rate of staphylococcus albus, after 60 minutes of operation.

Tested strains	Working for (min)	Test No.	Control group			Test group		
			Number of colonies before the test (cfu/m ³)	Number of colonies after the test (cfu/m ³)	Natural decay rate (%)	Number of colonies before the test (cfu/m ³)	Number of colonies after the test (cfu/m ³)	Apoptotic rate (%)
Staphylococcus albus	60	1	8.06×10 ⁴	6.35×10 ⁴	21.22	8.55×10 ⁴	65	99.90
		2	9.17×10 ⁴	7.37×10 ⁴	19.63	8.31×10 ⁴	53	99.92
		3	1.10×10 ⁵	8.36×10 ⁴	24.00	1.06×10 ⁵	82	99.90

Test on airborne microorganisms

The second test confirmed that the steriliser has an effect of 90.42%, 90.56%, and 92.17% respectively in terms of decay of airborne microorganisms, after 120 minutes of operation.

Tested strains	Working for (min)	Test No.	Test group		
			Number of colonies before the test (cfu/m ³)	Number of colonies after the test (cfu/m ³)	Apoptotic rate (%)
Airbone microorganisms	120	1	2.40×10 ³	2.30×10 ²	90.42
		2	1.95×10 ³	1.84×10 ²	90.56

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