

## Why Far UV-C?

UV-C light has been used for disinfection for over 100 years. However, conventional UV-C technology can only be used in unoccupied spaces.

UV Medico is setting new standards by using human-safe Far UV-C light at 222 nanometres. UV Medico's UV222 Booth blocks harmful wavelengths by using Care222® filter technology from Ushio. It is specifically designed to minimise microbial contamination on gowned personnel right at the entrance of sterile environments.

### The technology

Using filtered Far UV-C, the UV222 Booth offers operator decontamination in between 30 to 40 seconds and an advanced touchless operation interface with built-in safety parameters. The UV222 Booth is a revolutionary addition to current contamination control measures in cleanrooms. It eliminates the bacterial load present on protective equipment, ensuring a higher grade of cleanliness and a lower risk of product contamination.

The UV222 Booth can be customised, as well as delivered as a standalone solution, or encased in a stainless-steel frame from floor to ceiling to fully integrate in any cleanroom.

### The product

The UV222 Booth reduces the risk of bringing microorganisms into the cleanroom, by decontaminating gowned personnel right at the entrance of classified areas.

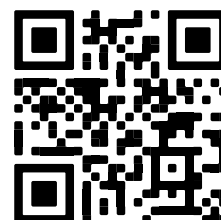
- Programmable.
- Medical grade stainless steel.
- 17,500+ hours of efficient disinfection.
- No ozone emissions.
- Full compliance with European and global regulations.

### Applications

UV Medico's Far UV-C booth can be installed in all places that require efficient decontamination and low microbial load:

- Biotechnology & life sciences
- Electronics & nanotechnology
- Pharmaceutical industry
- Food processing
- Automotive industry
- Aerospace

### Real-life installations



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# UV222 Booth

222 nm  
 Programmable & customisable  
 Doorless and walk-through designs available  
 Decontamination within seconds  
 Human-safe Far UV-C light



### Standard booth:

Medical grade stainless steel with 122 Far UV-C light sources. Custom design on request.

### Enter your cleanroom clean

Cleanrooms are spaces with a controlled level of contamination. They are designed to control and limit microbiological contamination when it represents a risk to product quality, patients, or consumers. Cleanrooms are necessary in many industries, from the automotive industry to pharmaceuticals, and are subject to a strict monitoring of pollutants in air and surfaces.

The UV222 Booth can help meet the established limits for microbial contamination, by disinfecting gowned personnel right at the entrance of high-grade classified areas.

### General product specifications

Light source	Krypton Chloride Excimer Lamp
Wavelength	222 nm
Average irradiance (at centre)*	0.486 mW/cm <sup>2</sup>
Dose in 30 sec. (at centre)*	14.58 mJ/cm <sup>2</sup>
Input voltage	90 ~ 264 VAC
Mode	Duty cycle
Max power consumption	3 kW
Weight*	~500 kg (~1,102 lbs)
Dimensions*	1,109 x 2,240 x 1,404 mm (43.6 x 88.2 x 55.3 in)
Operating temperature	+0° to +40° C (32° to 122° F)
Ambient humidity	5-90% RH

\* The product can be customised.

