



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.

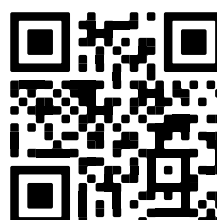
- Programmable.
- Medical grade stainless steel.
- 17,500+ hours of efficient disinfection.
- No ozone emissions.
- Full compliance with European and global regulations.

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
- Food processing
- Electronics & nanotechnology
- Automotive industry
- Pharmaceutical 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 ²
Dose in 30 sec. (at centre)*	14.58 mJ/cm ²
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.

