



Why Far-UVC?

UVC light has been used for disinfection for over 100 years. It has facilitated cleaning our water and controlling devastating diseases such as tuberculosis. But the conventional UVC technology can only be used in unoccupied spaces.

Now a new technology has emerged: human safe Far-UVC light at 222 nanometres. UV Medico's UV222 lamps block harmful wavelengths by using Care222® filter technology from Ushio. They efficiently kill microorganisms in populated spaces while remaining completely safe for humans.

The technology

Microorganisms heavily absorb light at the 222 nm wavelength, which is transformed into heat that deactivates them, making them unable to reproduce and to infect.

While this happens, the light remains harmless to human skin and eyes. The reason is that the top layer of the human skin is comprised of dead cells mostly made of proteins – and the same can be said about the top layer of the eye.

This means you are now able to have constant disinfection in occupied spaces, providing a safer environment for your customers and employees.

The product

UV222 lamps can disinfect air and surfaces within minutes, and keep the exposed surface disinfected throughout the day with continuous on/off cycles.

- Programmable.
- Low maintenance.
- 17,500+ hours of efficient disinfection.
- No ozone emissions.
- Full compliance with Danish, European, and global regulations.

Applications

UV Medico's Far-UVC lamps can be installed in all places that require safe disinfection in the presence of people:

- Healthcare facilities and ambulances
- Hospitality sector
- Pharmaceutical industry
- Educational institutions
- Food processing
- Agriculture and livestock

Learn more:



UV Medico A/S
Søren Frichs Vej 50
8230 Åbyhøj
Denmark

+45 20 90 71 30
info@uvmedico.com
www.uvmedico.com

UV222 Industrial

IP66
222 nm
60 or 100° beam angle
Programmable
Radar sensor



Finish:

Brushed aluminum.

For industry use

Ultraviolet light is increasingly being used in livestock production, as producers look for ways to improve biosecurity in response to frequent outbreaks of devastating diseases, as African swine fever.

Thanks to its IP66 rating, UV222 Industrial is protected against pressurized water and designed to be installed in barns and stables for the protection of living animals for continuous disinfection with harmless radiation.

General product specifications

| | |
|-----------------------|----------------------------------------------------|
| Light source | Krypton chloride excimer lamp |
| Wavelength | 222 nm |
| 60° output | 115 mW (Typical) |
| 100° output | 70 mW (Typical) |
| Input voltage | 100-240 V AC, 50/60 Hz |
| Max power consumption | 20 W |
| Mode (programmable) | Continuous / duty cycle / motion activated |
| Weight | 3 kg (6.6 lbs) |
| Dimensions | 300 x 168 x 113 mm (11.8 x 6.6 x 4.4 in) |
| Power lead (rubber) | 3 x 0.75 mm ² / 10 m (18 AWG / 32.8 ft) |
| Operating temperature | -10° to + 50° C (14° to 122° F) |
| Ambient humidity | 5-90% RH |

