

GE-2020 type UV lamp



DISINFECTION WITH UV LAMP

It is an effective, environmentally friendly, economical weapon for infection control

The GE-2020 (fixed) and the GE-2020M (mobile) germicidal lamps are designed to sterilize indoor air and to keep sterile devices and materials in a sterile state. Moreover they can be used to reduce or eliminate spores in the air of workspaces, packaging areas and sterile cabins.

The UV light destroys the DNA of viruses and bacteria and it prevents their reproduction. It also ruins other cellular parts, practically eliminating these microorganisms. The effectiveness of the UV-C depends directly on the intensity of the light and the duration of its usage.

The low pressure germicidal lamps give 90% of the released light on a 253,7 nm wave length. This wave length is very close to the peak (256 nm) which is the most effective against the microorganisms.

The devices comprises 1 piece of 30W germicidal tube (bulb). We produce 2 types of lamps: one that could be fixed on the wall and one mobile.

In order to reduce the spores in the air by 99% in a room of 25 square meter you'll only need 1 lamp.



WARNING!

The radiation of the UV-C light is harmful for humans and animals equally, therefore it is only recommended to use when there is nobody within radiation reach. Even a short, direct exposure could cause burning on the skin, and is especially

Specifications

Parameters of the Lamp

Size: 930x155x75 mm
Mobil height: 1550 mm
Weight: maximum 3.5 kg
Safety class: I.
Protection degree: IP-20
Power: 230V – 50Hz

Germicidal Bulb

Type: TUV 30W
Power/ performance: 30 W
UV radiation: 12 W
Wave length: 253,7 nm (UVC)
Expected life span: 9000 hours
Accessories: switch with built in timer



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