



# AMBIENT AIR STERILISATION DEVICE

E1000-ST1

Effective disinfection of ambient air when there is no air circulation. Laboratories, social rooms, storage rooms, refrigeration cells can be kept sterile and also odourless. The air moves through the disinfection device with the help of an integrated ventilator with coordinated throughput volume. The distributed UV-C-dose with a wavelength of 253.7 nm provides for reliable elimination of microorganisms like germs, viruses, yeast and mould spores. At the same time their multiplication is prevented, the effectiveness rate is 99.9%. The E1000-ST1 model is completely shielded and designed especially for small rooms with low ceilings.



Personnel and food products are securely protected from UV-C-light. Mounting of the unit against the ceiling or wall is very easy by means of a mounting bracket.

## Construction

High-quality stainless steel and a high-grade surface satisfy the highest demands in hygiene. The electronics and the ventilator are splash protected, as well as the feed line. Like all the devices of STERILSYSTEMS, the air-cleaning device E1000-ST1 is low-maintenance and silent. 16.000 hours of operational life span of the UV-C-emitter are tantamount to constantly high disinfection efficiency. With the screw-type

socket, the exchange of the UV-C-emitter is simple to do. Upon request we deliver the UV-C-emitter with a splinter shield. If an odour neutraliser is required, then this model can also be equipped with the required OZON emitter.

## Technical data

Type	E1000-ST1
Dimensions	L 1000 × W 127 × H 161mm
Housing material	Stainless Steel V4A
Emitter	UV-C-emitter ST1 16.000h high efficiency
Power	40 W
Voltage	230 V ± 10% 50..60 Hz
Electrical connection	Eur Plug
Weight	7,3 kg
Ventilator	160m <sup>3</sup> /h
Identification	CE

## Application areas

- ✓ small production rooms with presence of personnel
- ✓ Small low-ceiling refrigeration cells
- ✓ Social- and community rooms