



Sterisol Disinfection equipment



Sterisol 6010



Sterisol 6012



Sterisol 6014

Sterisol disinfection devices can be used for both direct and indirect air disinfection. Because they can be fitted onto other types of instruments, future investments can be assured.

Sterisol 6010: Downlight suspension emitter for direct air disinfection in rooms at times when no people are present. In addition, because of its specially calculated reflectors, the device has been developed for homogenous surface disinfection and for destroying DNA fragments on work tables.

Sterisol 6012: Wall-mounted device for indirect air disinfection of the upper air space by using natural convection. Suitable for use in rooms where people are present. The wall mounting allows targeted zone irradiation.

Sterisol 6014: Suspended emitter for indirect air disinfection in the upper air space by using natural convection. Suitable for use in rooms where people are present.

Notable product features

- High quality stainless steel fittings with reflectors specially designed for homogenous radiation distribution.
- Efficient, electronic high frequency power supply unit, with voltage-free contacts for functional control using building control systems
- Softstart technology for optimum operating life.
- Coupling system for coupling several devices into one series.
- Steel cable suspension system for quick set up and height adjustment and locking, without the need for tools

Recommended areas of application

- Air disinfection in production areas, operations where foodstuffs are prepared, laboratories, hospitals, outpatient centres, botanical establishments and clean rooms.
- Destruction of DNA fragments on work tables.

Technical data			
Description	Sterisol 6010	Sterisol 6012	Sterisol 6014
Art. No.	43201	43203	43205
Lamp data			
Nominal lamp power	30 Watt	30 Watt	30 Watt
Radiation flux 253,7 nm (ozone free)	11 Watt	11 Watt	11 Watt
Lamp description (Art. No.)	NN 30/82 (41228)	NN 30/82 (41228)	NN 30/82 (41228)
Lamp type	Low pressure standard, ozone free	Low pressure standard, ozone free	Low pressure standard, ozone free
Lamp tube material	Quartz glass	Quartz glass	Quartz glass
Lamp quantity	1	1	1
Typical lamp lifetime	8.000 h*	8.000 h*	8.000 h*
Geometrical data			
Dimension basic Modules (LxWxD)	930 x 145 x 100 mm	930 x 145 x 100 mm	930 x 145 x 100 mm
Weight	3,4 kg	3,4 kg	3,4 kg
Shatter prediction	LampSafe optional	LampSafe optional	LampSafe optional
Features			
Protection class	IP30	IP 30	IP30
Housing material	Stainless steel	Stainless steel	Stainless steel
Options (Art. No.)	Cool room uv-lamp NN 30/82KR (41230) LampSafe NN 30/82LS (41233)	Cool room uv-lamp NN 30/82KR (41230) LampSafe NN 30/82LS (41233)	Cool room uv-lamp NN 30/82KR (41230) LampSafe NN 30/82LS (41233)
Electrical data			
Power supply	electronic	electronic	electronic
Lamp failure alarm	O	O	O
Voltage / Frequency	230V / 50-60Hz	230V / 50-60Hz	230V / 50-60Hz
Operating information			
Cooling	Convection	Convection	Convection
Burn-in time	5 min.	5 min.	5 min.
Permissible ambient temperature	+15°C... +40°C	+15°C... +40°C	+15°C... +40°C

O = Yes

- = No

* = Decrease of intensity < 35%

- Equipment for disinfection of
 - Air
 - Water
 - Surfaces
 - Packaging materials
- Immersion lamps for industrial photochemistry
 - Laboratory
 - R&D
 - Production
- Engineering and consultancy services
- UV curing and drying
- UV measurement technology
- UV radiation sources
- Power supply units
- Analysis lamps and luminescence excitors
- Quartz glass products
- Components
- Special equipment
- Training and workshops