

Mobile Disinfection Unit DT 8-1500C

Description

The UV-C tower is a mobile device for flexible use for air and surface disinfection. The device was developed as a supplement to standard cleaning in rooms where no personnel are present.

The UV-C tower is used to sterilize hospital rooms, production, work and storage areas without personnel present, and provides 360° treatment.

Specifications

- Stainless steel housing
- 4 controllable rollers
- Protective grate prevents light breakage
- **absolute personnel safety** using motion sensors with automatic switch-off
- Rugged design – the low center of gravity prevents the device from tipping over
- Plug in device, operate via Smartphone
- Status feedback; individual disinfection processes can be evaluated
- Emitters can be replaced by the operator*



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Applications

- Medical surfaces
- Ceilings
- Walls
- Electronic equipment
- Mattress covers
- Tables/chairs/cabinets
- Food production

Technical Data

Part number	110.5540
Dimensions (W x D x H)	532 x 532 x 1726 mm
Housing Material	Stainless steel V2A
Emitter ST1	8 x UV-C Emitter (254 nm) high efficiency / 12.000 h
Power	700 W
Voltage	230V ± 10% (50 – 60Hz)
Connection cable	5 m; cable reel (installed) incl. Euro plug
Weight	50 kg
Protection class	IP 54
Operation	Smartphone - Connectivity App
Safety	Activation delay / 3D - 360 IFR motion sensors / protective grate / emitter splinter protection

*Suitable replacement lamps are also available from LTF Labortechnik, www.labortechnik.com

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Safety

The mobile disinfection unit DT8-1500C is especially suitable for the hospital sector due to its easy handling.

The DT8-1500C enables a higher degree of hygiene due to the effect of UV-C technology. The mechanism of action of UV-C disinfection is based purely on physics and knows no chemistry, no toxic compounds and no formation of resistance.

Microorganisms are prevented from multiplying when exposed to UV-C radiation or "killed off". In addition, the use of UV-C disinfection meets the high requirements of consumer protection and the VDI 6022 as well as the HACCP concepts.

Operation is via a display, which allows the desired UV-C treatment time (irradiation time) to be set. Once the treatment time has been set, the UV-C lamps are switched on after a countdown or after actuation by radio remote control.

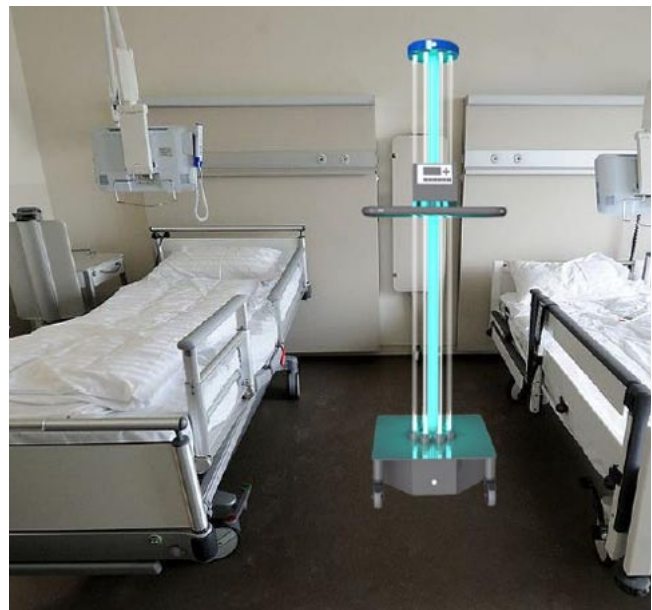
Sensors in the head and foot area provide additional protection when entering the treatment area.

Due to its compact design the DT8-1500C can also be positioned in narrow areas.

The "Hygienic Design" of the DT8-1500C allows easy cleaning of the device. Mobility is achieved through low weight and swivel castors with stop fixation. The centre of gravity of the DT8-1500C is low, which prevents the device from tilting.

The mobile sterilisation device is used in the following hospital areas, among others

- Patient rooms
- Delivery room
- Laboratories
- Ambulance rooms
- Emergency rooms
- Operating rooms
- Recovery rooms
- Intensive care units



Benefits at a glance

- Efficient disinfection without the use of chemicals.
- Mobile unit with stop-fixing.
- 360° disinfection (8 pcs. UV-C lamps).
- Very economical, low power consumption.
- Adjustable irradiation time (exposure to UV-C) via display.
- Easy operation, additional remote control (start/stop).
- Lifetime UV-C lamp 12,000 h, durable for regular use in hospitals.
- Hygienic design, V2A stainless steel version.
- Easy cleaning and maintenance.
- Connection cable, extendable length 5m.
- Compact size, easy to transport in hospital rooms.
- Operating hours and switch-on visible via display.
- Safe switch-off when entering the room by 7 pcs.
- Motion detector (360° degree monitoring)
- 4 antistatic castors (ESD) guarantee high mobility.
- Splinter-free, UV-C lamps with splinter protection.
- Short treatment times of 5 to 20 minutes.