



# DATASHEET STERISAFE PRO v1.2

January 2021



## KEY FEATURES

- Data collection
- Wireless control
- No consumable
- Ozone monitoring system
- Humidity sensor
- Safety sensor
- Preprogramming of disinfection cycles
- Sealing accessories
- Safety accessories
- Ozone and particle removal integration
- Gas phase treatment – Reach all cracks and corners

## KEY BENEFITS

- Full-Depth Disinfection Cycle (FDDC) Technology based
- Reporting of status and performance
- Wireless access of the ongoing process during disinfection
- Guaranty of a safe environment during the process
- The room environment free of particle and ozone gas after disinfection cycle completion
- No consumable needs to be added to system other than electricity and water

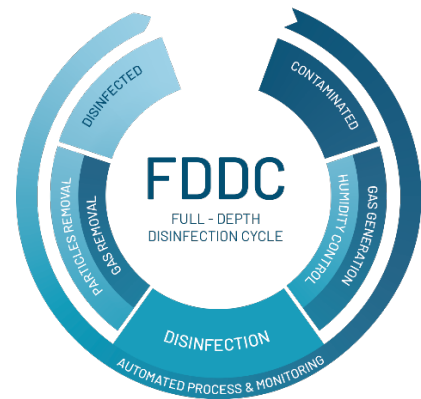
## Product Highlights

The STERISAFE PRO is an automated room disinfection mobile device for infection prevention and outbreak emergency situation to create safer room environments. Using Full-Depth Disinfection Cycle (FDDC) Technology, the STERISAFE PRO ensures a process of surface and air disinfection from all harmful pathogens, such as virus, bacteria and even the so-called superbugs, the antibiotic resistant bacteria.

The STERISAFE PRO is easily moved from room to room to perform quick and safe whole-room disinfection. Simply wheel the unit into the room and you can launch the process remotely thanks to the tablet. The process is then fully automated and monitored and will notice you once the room is disinfected and safe to enter.

## The FDDC Technology

The FDDC is the only technology that applies a full air purification process after biological disinfection. It removes all the remaining oxidant gases as well as the harmful by-products, such as nano-particles. Because of this purification process the room can be entered shortly after the disinfection cycle is completed. Comparatively, all other disinfection solutions leave residual gases and harmful particles.



The biological disinfection is done by using a mixture of atomized water and ozone created from the surrounding ambient air. No other consumable is added to the process. The gaseous treatment reaches pathogens everywhere without any shadow areas. Because of this unique process, even the antibiotic resistant bacteria such as MRSA and VRE will not resist this disinfection.

## Biocidal product registration

Applying to all biocidal products, EU regulation 528/2012 Biocidal Products Regulation (BPR) came into force in September 2013. The regulation is designed to control the selling or 'placing on the market' of biocidal products. It involves the analysis of a biocidal product's performance (efficacy), toxicity, environmental fate and risk during use. It states that a supplier of any 'Active' intended for use within a biocidal product/system must be registered under the BPR process. Therefore, when ozone is used as a biocidal product (ie. for disinfection purposes) it is illegal to use a supplier not complying to the BPR requirements.

The STERISAFE company is an active member of the registration group EUOTA (European Ozone Trade Association) and via its intermediary is registered as an ozone supplier in both articles 93 and 95. Among others, it is listed for the Product-Type 2: Disinfection of surfaces, materials, equipment.

## RELATED PRODUCTS

Optional accessories for the STERISAFE PRO include material to facilitate transportation and room sealing.

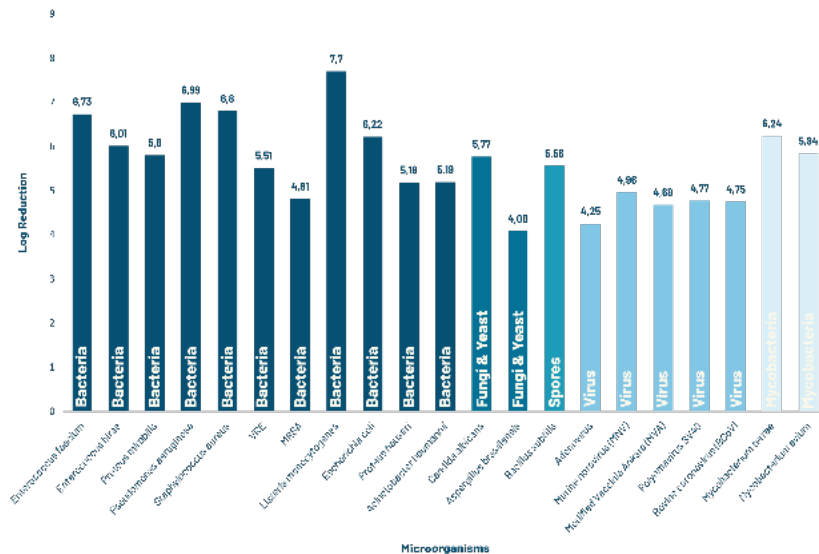
- Vent cover with telescopic pole
- Fire alarm cover with telescopic pole
- Sealing tape
- Microbiological indicator: non-specific surface test
- Ozone handheld monitor
- Transportation box

## Reliability – Norms & standards

The STERISAFE PRO is tested against the most adapted norm for its usage. This means that every efficacy claim has been tested in real-life conditions under strict normative settings.

Up until October 2020, tests were conducted using the French AFNOR-norm NF T 72-281. Tests conducted after October 2020 follow the European Norm EN 17272 (date of its publication).

Tests are always conducted by accredited European third-party laboratories.



## Technical Specifications

### ADDITIONAL INFORMATION

Additional information can be found at: [www.sterisafe.eu](http://www.sterisafe.eu)

or by contacting: [info@sterisafe.eu](mailto:info@sterisafe.eu)

Control & Monitoring	
Tablet	Samsung Galaxy Tab A (10,1", 32GB), or similar
PLC System	Included
Humidity Sensor	0-100 %RH
Ozone sensor	0-200 ppm
Operation conditions <sup>1</sup>	+15°C to +35°C – 30 to 90% Humidity

Material & Characteristics	
Power	230V – 50Hz
Consumption	1800W
External Material	High Density PE, 316/EN 1.4401 & EN AW-6060-T4
Dimensions	1007x521x802 mm
Weight	115 kg

<sup>1</sup> Operating outside of those conditions may cause a drop in performance of the unit

Ozone concentration	80 ppm (default)
Ozone output	35g/h
Air cooling	500 to 700 m <sup>3</sup> /h
Ingress Protection Rating	IP 21
Noise Level	<85dB



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