



INFUSER
DECONTAMINATION



STERISAFE-ROOM

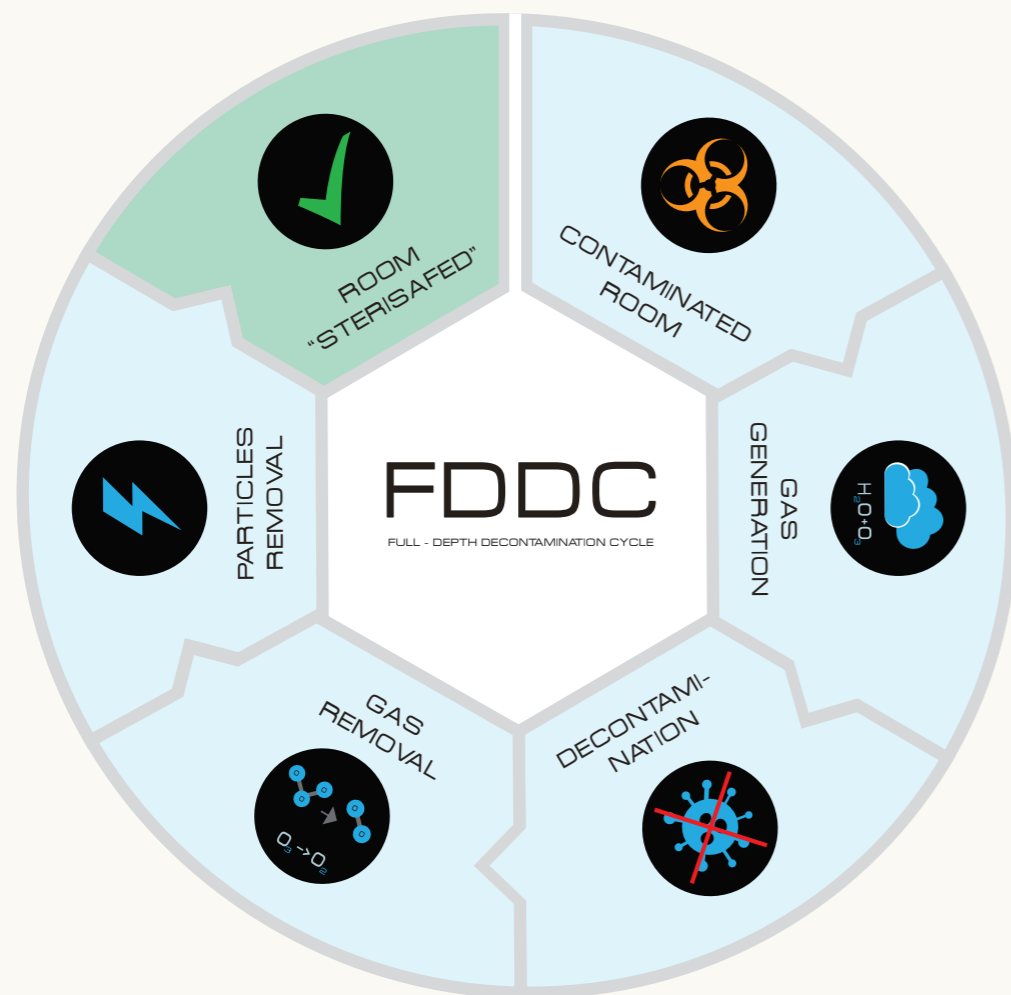
A no-touch automated decontamination room





THE STERISAFE-ROOM

The only effective and safe decontamination technology



The Full-Depth Decontamination Cycle (FDDC) technology provides a process to decontaminate air and surfaces from all harmful pathogens, such as viruses, bacteria and even the so-called superbugs, the antibiotic resistant bacteria.

The FDDC is the only technology that applies a full air purification process after biological decontamination. It removes all the remaining oxidant gases as well as the harmful by-products, such as particles and nano-particles. This allows for re-entering the room shortly after the decontamination cycle is complete. Comparatively, other decontamination solutions leave residual gases and harmful particles.

The biological decontamination is done by using a mixture of atomized water and activated oxygen (ozone). The gaseous treatment reaches pathogens everywhere, in every nook and cranny, even surfaces hidden from view. Because of the method, even antibiotic resistant bacteria such as MRSA and VRE will be destroyed.

STERISAFED: adj.; free from pathogens, chemicals, harmful by-products and particles following a FDDC treatment.

DECONTAMINATE YOUR FURNITURE WITHOUT BLOCKING THE PATIENT ROOM



KEY ATTRIBUTES

No consumables

Rapid, effective and repeatable Full-Depth Decontamination Cycle (FDDC)

Activated oxygen technology ensures homogenous distribution in the room

Removes the reliance on an operator

Requires little to none staff training

When the occupancy rate of the patient rooms is high, there is no time to block a room for a whole-room decontamination process. However, in the continuous fight against Hospital Acquired Infections (HAI), it is still necessary to decontaminate handled items and furniture such as beds, tables, commodes, wheelchairs, etc. INFUSER solves the problem by implementing the highly effective FDDC technology into a dedicated room.

STERISAFE-Room is a dedicated modular decontamination chamber for mobile, non-critical items and equipment regardless of their size. It will fully decontaminate the surface of the items in a short time. Simply fill the room with equipment, close the door and press the START button on the screen. The whole FDDC process

is fully automated and monitored. Light and sound will indicate the end of the decontamination.

STERISAFE-Room can be built in different sizes depending of the need and the space available. Based on the FDDC, it does not require any consumables beside water and electricity. There is no need for purchasing, storing or handling chemicals.

STERISAFE-Room enables a high utilization rate of the hospital rooms while keeping the hospital fully safe. Patients are not exposed to contaminated items and staff are not exposed to harmful chemicals or by-products.



INFUSER SCIENCE

INFUSER bridges the gap between science, research, and business by pioneering novel clean-tech solutions



Located on the campus of the University of Copenhagen and in the heart of the Copenhagen Science City, INFUSER runs a state-of-the-art research facility. The facility is arguably Northern Europe's newest and most sophisticated atmospheric chemistry laboratory serving as the key facility for INFUSER's in-house analysis, modeling and design work for new clean-tech solutions.

INFUSER's advanced oxidation technology is based on natural and energy efficient principles that do not produce any hazardous detergents or chemical waste. The

company's purification solutions use Gas Phase Advanced Oxidation to remove pollution from a building's fresh air intake or industrial exhaust.

The development and implementation of INFUSER's innovative solutions are based on applied research and science. INFUSER's research facility and the organisation's deep scientific knowledge represent the pivotal element in the company's go-to-market strategy and its contact with clients, partners, suppliers, and other important stakeholders.

INFUSER HQ

University of Copenhagen
Ole Maaløe's Vej 5
DK 2200 Copenhagen N

T: +45 2242 4455
E: info@infuser.eu

INFUSER DEUTCHLAND GMBH

Lameystr. 36
DE 68165 Mannheim

T: (+49) 621 76218038
Fax: (+49) 621 103 745
E: fh@infuser.eu

INFUSER SVERIGE AB

Terminalgatan 2
SE 235 39 Vellinge

T: +46 (0)40 421700
Fax: +46 (0)40 421701

INFUSER APC SDN BHD

3-1 Street Wing, Sunsuria Av.
Persiaran Mahogani, PJU 5, Kota Damansara
47810 Petaling Jaya, Selangor, Malaysia
T: +6017 - 883 1661
E: info.malaysia@infuser.my

www.infuser.eu

www.facebook.com/infuser.eu