

Clarus S

Hydrogen Peroxide Vapour Generator System



Generator



Control Panel



Internal Catalyst



External Catalyst and Pressurisation Unit

- Uses low temperature residue-free hydrogen peroxide vapour for surface disinfection
- Dual circuit technology for optimum cycle times
- Closed circuit operation - no external vent required
- Compact and highly portable design
- Generator operates inside the enclosure to minimise interfaces
- Utilises 30% w/w medical grade H₂O₂
- Maximum enclosure bio-decontamination 10 m₃
- Simple one touch operation
- Standard H₂O₂ dose and cycle recipes
- Separate internal catalyst for vapour removal
- External catalyst/ pressure control unit for negative pressure operation
- Ideal for bio-decontamination of microbiological safety cabinets, CO₂ incubators, robotic enclosures and some containment isolators
- Effective against a wide range of micro-organisms



The Clarus S system comprises the generator, control panel and catalyst units. It can be used typically to decontaminate laboratory equipment such as biological safety cabinets as a safe and effective alternative to formaldehyde fogging. The system is suitable for operation by an end user or by a service provider to provide a decontamination service for laboratory equipment.

Equipment set up is simple. The generator is positioned inside the enclosure and connected to the control panel located outside by a single control/power cable. A pre-dispensed bottle of hydrogen peroxide solution is loaded into the generator. The internal catalyst unit can be used inside the enclosure to remove peroxide vapour at the end of the cycle. Cycle operation is automatic.



The external catalyst unit can be used to hold the enclosure at negative pressure and also to assist with aeration of residual vapour at the end of the decontamination cycle. A range of fittings are available for attachment to existing equipment for retro-fit applications.

Summary Specification

Size: Generator	225w x 300d x 225h
Control panel	250w x 210d x 100h
Internal Catalyst	285w x 285d x 155h
External Catalyst	325w x 490d x 259h

Weight: Overall system weight approx 20kg
 Max. H₂O₂ volume: 175ml
 Max. enclosure volume: 10 cu. m
 Power: 230v 50Hz or 115v 60Hz units

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