

MobileGDS-CL

Gaseous Decontamination System



Application

The **MobileGDS** is an advanced automated and energy efficient VPHP (vapor phase hydrogen peroxide) mobile sterilization system integrated with decontamination chamber.

System

The MobileGDS is easily transported to place of use. The system provides advanced intelligent automated controls to efficiently and effectively decontaminate your equipment and lab supplies within its integrated decontamination chamber. With precise sensor bundle system monitoring and recording the sterilization process, the advanced controls provide reliable and easy operation.

Key features of the MQM Decon System:

Fully Integratable System: The HPV generator is integrated with the equipment allowing precise control of test conditions (hydrogen peroxide concentration, water vapor concentration), and exposure times. The integratable design also simplifies installation and setup.

Fully Automated Process Control: Hydrogen peroxide and water vapor sensors integrated with the system monitor, and record, the process conditions, with feedback control from the sensors the vapor generator precisely maintains the concentration of hydrogen peroxide vapor, water vapor, and optionally the test enclosure temperature.

Intuitive User Interface: Easy to use touch screen makes it simple to change process set points. The graphical data display makes it effortless for the user to confirm the test conditions are in range during testing.



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Technical Specifications	
Weight	TBD
Dimensions	762 mm x 762 mm x 1,220mm (30 in x 30 in x 48 in)
Controller/HMI	Touch panel
Utility Requirements	
Power	120v; 15A; 50/60 Hz 200v; 10A; 50/60 Hz 240v; 10A; 50/60 Hz
Consumables	
Hydrogen Peroxide	35 - 59% solution; low preservatives
Performance	
Enclosure Volume	17.6 ft ³ (0.5 m ³)
H2O2 Injection	0 - 2.0 g/min
Airflow Rate	Up to 100 lpm (6 cmh)
Relative Humidity	Nominal to 80%

Model Number	Description
FDS-CLS	VPHP Decontamination System, 120v

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About our family fo decontamination technology companies - Our core team brings greater than 35 years of experience to formulate the solution to meet the needs of our Customers. We focus on decontamination and other aseptic technologies in the form of consumable products and capital equipment. With greater than 25 patents and extensive collaborative research with Government laboratories (US Army ECBC, US Air Force AFRL, Dugway Proving Grounds, etc.), the team has proven experience developing and manufacturing state of the art decontamination equipment and solutions to meet the most challenging requirements of our Customers.

