



AVAILABLE ACCESSORIES



PC INTERFACE DATA COLLECTION



VIDEO INTERFACE



CLOSED LOOP MODULE



CONCENTRATION SENSOR
20-200PPM



DRYER CARTRIDGE



CONTINUOUS DRY AIR SUPPLY



CONCENTRATION SENSOR
1-20PPM



DSE ENGINEERING
AND TESTING SERVICES



AERATION UNIT



DECONTAMINATION
SPECIALTY EQUIPMENT



DECONTAMINATION
SPECIALTY EQUIPMENT



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When a sterile space matters.



STERIELIZER™ PORTABLE



The DSE STERIELIZER™ is an advanced, automated, and energy efficient hydrogen peroxide vapor decontamination system that is easily integrated with isolators, test chambers, biosafety cabinets and glove boxes or within clean rooms.

The portable system is contained in a rolling “suitcase” and easily movable to any location.

Fully Integrated System: Allows precise control of test conditions (hydrogen peroxide concentration, water vapor concentration) and exposure times.

Fully Automated: A color touch screen or PC controls sensors that monitor and record the process conditions and maintain the appropriate concentration of hydrogen peroxide vapor, water vapor, and temperature.

Easy to Use: The graphical data display makes it effortless for the user to confirm that process conditions are in range during testing.



STERIELIZER™ INTEGRATED



The DSE STERIELIZER™ is an advanced, automated, and energy efficient hydrogen peroxide vapor decontamination system that is easily integrated with isolators, test chambers, biosafety cabinets and glove boxes or within clean rooms.

The simple design of our integrated units makes them easy to install within your application.

Fully Integrated System: Allows precise control of test conditions (hydrogen peroxide concentration, water vapor concentration) and exposure times.

Fully Automated: A color touch screen or PC controls sensors that monitor and record the process conditions and maintain the appropriate concentration of hydrogen peroxide vapor, water vapor, and temperature.

Easy to Use: The graphical data display makes it effortless for the user to confirm that process conditions are in range during decontamination process.



At Decontamination Specialty Equipment, our team of decontamination experts bring more than 160+ years of proven experience in the design, equipment manufacturing and maintenance of sterile environments to meet the needs of our customers.



COMPETITOR

Engineering & Design	Up to 20 hours system design and engineering consultation are included in system purchase price	\$200+ per hour separate cost for engineering and design
Equipment	Simple, fewer parts	Complex, with numerous parts, valves and connections; increased leak and maintenance risk
Cycle Development	Automatic feedback and adjustment	Manual set-up and adjustments by an engineer/operator
Portability	32 [813] W x 15 [381] H x 21 [533] D weighs 50 pounds	Much larger
System Base Cost	\$25,000 - \$30,000	\$50,000-\$60,000
Preventative Maintenance	Calibrate and refurbish sensor bundles every 12 months Replace sensors every 5 years Replace peristaltic pump tubing every 6 months User can follow the simple instructions	Higher cost maintenance and operation
Supplies	Can use any commercially available 35% hydrogen peroxide (lower cost)	Must use company's name brand product (higher cost)
Accessories	Dehumidifier maintains humidity levels Catalytic Converter to convert the hydrogen peroxide exhaust into oxygen and water vapor	Higher cost of operation



COMPETITOR

Engineering & Design	Up to 20 hours system design and engineering consultation are included in system purchase price	\$200+ per hour separate cost for engineering and design
Equipment	Simple, fewer parts	Complex, with numerous parts, valves and connections; increased leak and maintenance risk
Cycle Development	Automatic feedback and adjustment	Manual set-up and adjustments by an engineer/operator
Portability	20 [50cm] W x 16 [40cm] H x 9 [23cm] D weighs 20 pounds [9kg]	Much larger
System Base Cost	\$24,000	Much higher
Preventative Maintenance	Calibrate and refurbish sensor bundles every 12 months Replace sensors every 5 years Replace peristaltic pump tubing every 6 months User can follow the simple instructions	Higher cost maintenance and operation
Supplies	Can use any commercially available 35% hydrogen peroxide (lower cost)	Must use company's name brand product (higher cost)
Accessories	Dehumidifier maintains humidity levels Catalytic Converter to convert the hydrogen peroxide exhaust into oxygen and water vapor	Higher cost of operation