



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.

For most installations, only nominal interface to the room HVAC system is required. Specifications can be customized to individual user requirements.

FEATURES

Fully Integrated System: The fully automated generator allows precise control of test conditions (hydrogen peroxide concentration, water vapor concentration) and exposure times. Simple installation and set-up. The liquid peroxide is housed outside the room with a remote HMI.

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 test conditions are in range during testing. The system is fully expandable to meet multiple room sizes with a common controller.

DSE provides an easier to use, more cost-effective solution to ensure a sterile environment



		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
Ease of Installation	No piping, limited HVAC interface	Requires major interface to HVAC and significant piping
Initial Capital Cost	\$30,000 to \$35,000 per 12,000 c.FT	\$75,000 +installation costs per 10,000 c.FT
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	Aerator available	Higher cost of operation



Our team of subject matter experts brings more than 160+ years of proven experience in the design, equipment manufacturing and maintenance of sterile environments to meet the needs of our customers.

2101 WEST 12TH STREET • ERIE, PA 16505 | PHONE 1.412.916.8609 | INQUIRIES@DSE-GLOBAL.COM