



The DSE STERIELIZER™ is an advanced, automated, and energy efficient hydrogen peroxide vapor sterilization 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.

FEATURES

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

Fully Automated: A Siemens 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.

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 (up to \$4,000 value!)	\$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 calibration and adjustment	Manual calibration 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 Convertor to convert the hydrogen peroxide exhaust into oxygen and water vapor	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.