

Steri-Trac® Sterilant Gas Monitoring System

“Protecting What Matters Most”

ETHYLENE OXIDE

HYDROGEN PEROXIDE

OZONE

PERACETIC ACID

Area Monitor



- Continuously monitors gas concentrations in a given area.
- Large tri-color LED display (Green, Yellow, and Red) supports user-adjustable high and low audible and visual alert settings.
- Wall mounted, requiring 110/220 VAC.

Sensor Module



- **Envirocell™** “hot swappable” Sensor Modules support detection of the following gases: ethylene oxide, hydrogen peroxide, ozone and peracetic acid.
- A usage agreement provides for Sensor Module factory calibration and provision to clients at regular intervals.
- ChemDAQ’s unique **Sensor Calibration/Exchange Program (SXP®)** virtually eliminating systems maintenance.
- **Spot-On®** ethylene oxide filter eliminates false alarms from common background interferents such as alcohols and carbon monoxide.

Remote Display Repeater



- Each Area Monitor supports up to three Remote Display Repeaters which are wall mounted outside of monitored areas to warn personnel of gas levels prior to entry.
- Duplicates information received from the area monitor, including audible and visual alarms.

Remote Sensor Module



- Used when the desired gas detection is remote from the wall mounted Area Monitor, as well as for Intrinsically Safe applications.

Intrinsically Safe Applications

- Steri-Trac components are NTL listed - UL 61010-1 & CSA C22.2 - and Intrinsically Safe certified for use in Class 1, Division 1, Group C & D, Class 1, Zone 1 settings.
- A Barrier Unit provides an Intrinsically Safe circuit to the Remote Sensor Module permitting continuous monitoring in potentially combustible areas.

DAQ® Central Monitoring System

- Continuously and simultaneously tracks gas concentrations from up to 32 Area Monitors.
- Touch screen, color-coded graphical display.
- Standalone, password protected administration console for continuous monitoring and reporting.



Environmental Monitoring

- Centrally calculates OSHA permissible exposure limit (PEL), gas concentrations across all monitored areas.
- **“Impending Alerts”** provide a proactive means to alert personnel of potentially hazardous gas concentration levels.
- Archival and retention of exposure data across all monitored areas.

Remote Video Display

- Duplicates all graphics and alarms from DAQ for remote monitoring.
- Touch screen, color-coded graphical display.



Professional Services

- Factory trained service specialists provide best-in-class on-site installation and in-service training.
- Extended hardware warranty and software support available.
- Sensor Calibration/Exchange Program (SXP) support via term usage agreement.

Protecting What Matters Most

Continuous environmental monitoring protects employees from the acute and chronic health affects of sterilant gas exposure by recording concentrations in real-time and providing alerts for proactive protection.

A continuous monitoring system coupled with safe work practices and a comprehensive education program are the best ways to assure employee safety and maximize productivity.

At ChemDAQ, we are committed to helping you protect what matters most.

