

PICARRO

A Comprehensive Approach to Ethylene Oxide Emissions Management

Advanced Technology Behind Picarro's Solution

Our solution goes beyond mere compliance; it's about optimizing your operations and enhancing safety. With advanced reporting and testing services, we offer unparalleled visibility into your processes and efficiency trends. What sets us apart is Picarro's cutting-edge Cavity Ring-Down Spectroscopy (CRDS) technology, which raises the bar for sensitive emissions detection limits. This technology empowers you to anticipate potential risks and proactively address new regulations. By embracing Picarro's emissions management solution, you're not just meeting industry standards; you're setting them as a leader in environmental, health, and safety stewardship.



CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS)

An industry-leading advancement in CEMS design, featuring a turn-key, automated system with high-quality components for precise monitoring of Ethylene Oxide emissions. It includes an on-board Data Acquisition System, ensuring compliance with current and future regulations and performance requirements.

WORKPLACE MONITORING SYSTEM (WMS)

A cutting-edge solution to monitor employee exposure and operations. Sampling 25 locations for real-time monitoring of fugitive emissions, leak detection, and process efficiency. With a robust multiplexing system, it swiftly reports accurate Ethylene Oxide concentrations. Automated features ensure workforce protection.

FENCELINE MONITORING SYSTEM (FMS)

A rugged, field-deployable solution for continuous, precise measurement of low Ethylene Oxide levels. Combining fast, sensitive concentration data with meteorological information, it operates continuously with modular sampling and automated features for dependable results over extended periods.

THE SOLUTION

Addressing the EtO Emissions Challenge with Picarro's Comprehensive Solution

Picarro is your partner in a world where evolving ethylene oxide (EtO or EO) emissions regulations complicate efficient operations and health protection. With over 25 years of expertise in precision emissions measurement and monitoring, combined with top-notch technicians and world-class service and support, Picarro offers a comprehensive EtO emissions management solution. Our goal is to empower industrial sterilization facilities to not only meet existing regulations but also prepare for those on the horizon, all while sustaining efficient operations.

Picarro's Emissions Management Solution charts a new course for industries dealing with EtO. Our real-time, turn-key systems deliver immediate, precise data for proactive EtO emissions management. Backed by a comprehensive service package, our solution simplifies system operation, maintenance, compliance, quality control, and reporting. With Picarro, you'll have a strategic partner to help you navigate the ever-changing regulatory landscape, ensuring your operations take a proactive approach in safeguarding communities and the environment.



Monitoring Ethylene Oxide Measurements with

SIMPLICITY & EASE



Real-time, continuous monitoring with Cavity Ring-Down Spectroscopy (CRDS) provides highly sensitive and rapid detection of Ethylene Oxide, with detection limits as low as 0.25 ppb in under 2 seconds.



Our technology simplifies monitoring by eliminating the need for sample pretreatment, filters, chromatographic separation, and complex peripherals, as required by traditional methods like GC and FTIR.



Enjoy the highest operational uptime with long-term calibration-free performance, and specific sensitivity to ethylene oxide without false spikes from other gases.



Offering turn-key solutions, system design, onsite training, and ongoing support, ensuring long-term reliability and compliance with regulatory requirements.



Industry leaders help you manage projects, choose equipment, and stay compliant with regulations for a smooth operation.

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