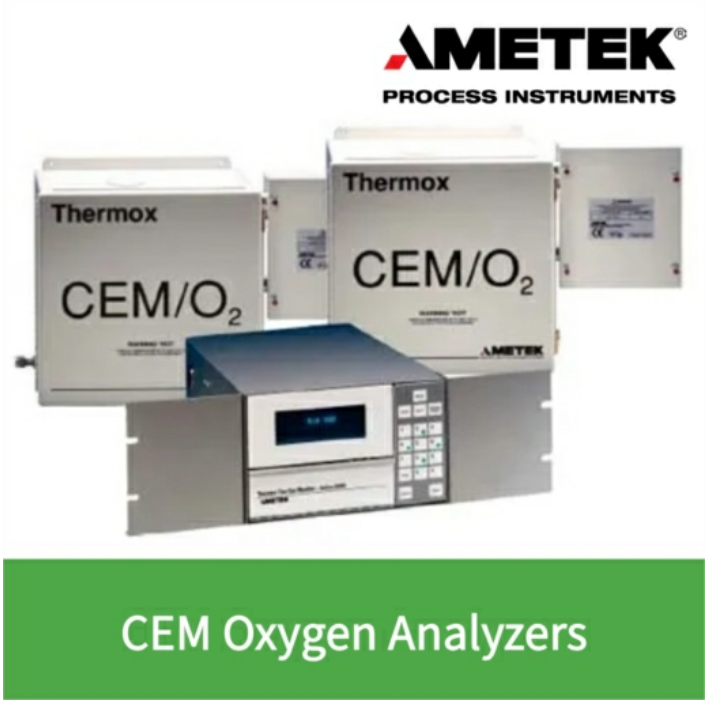
September 2025

NEWSLETTER



CEM Oxygen Analyzers

Ametek CEM Analyzers

Ametek's CEM Oxygen Analyzers deliver reliable performance for Continuous Emissions Monitoring Systems (CEMS), helping facilities meet strict environmental compliance standards. The CEM/Humox and CEM Oxygen Analyzer ensure accurate oxygen measurement in flue gases, while the CEM 02/TM Analyzer provides advanced monitoring for both oxygen and related parameters. Built for precision, durability, and low maintenance, these analyzers support critical pollution monitoring applications across power generation, chemical, and industrial sectors.

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Draeger Regard 7000F Industrial Fire & Gas Controller

Seamlessly combining fire, gas, and process-safety functionality on a single platform, the Draeger REGARD 7000F carries an ANSI/UL 864 "Combination System" performance approval, which integrates NFPA 72 fire signaling with SIL-rated (> SIS/ICSS) process safety capabilities Draeger.

Why it's a standout:

- True masterless, modular design: Each module operates independently, and is hot-swappable, so a single failure doesn't compromise the entire system
- Dual analog + digital compatibility: Ready for signals from flame

detectors, gas sensors, heat/smoke detectors, manual call points, along with smooth integration via HART® and Modbus .

- Configurable “cause and effect” logic: Tailor responses to site-specific hazards such as, triggering suppression systems and managing ventilation or process shutdowns.

Regard 7000F Industrial Fire and Gas Controller

- Trusted code compliance: UL 864-2020 approved; supports key NFPA standards (NFPA 70 to NFPA 2001 and NFPA 750) ensuring robust fire-gas protection and regulatory peace of mind.
- Ideal for mid–large industrial sites: Scales to handle 600+ devices, distributed across multiple I/O panels for full-site coverage.

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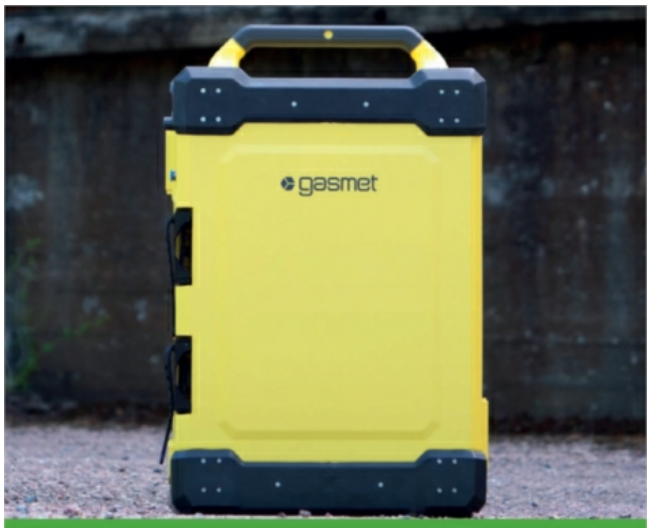

GT6000 Mobilis Portable Stack Gas and Emission Analyzer

The GT6000 Mobilis is a portable FTIR analyzer for monitoring gas concentrations in hot, wet, and corrosive gas streams. GT6000 Mobilis enables you to measure all key compounds at once, including oxygen with PSS Plus. Results are immediate, with a high level of precision. Even the smallest concentrations are measured with high accuracy, and you can follow the measurement readings in real-time on-site or remotely. The system is typically set up to measure H2O, CO2, CO, NO, NO2, N2O, SO2, NH3, CH4, HCl, HF and different VOCs and can measure up to 50 gases simultaneously. Together with Portable Sampling System (PSS Plus or PSS Base), it transforms into complete portable FTIR emissions monitoring system.

Contact us to learn more about product availability and how to select the right model for your application.

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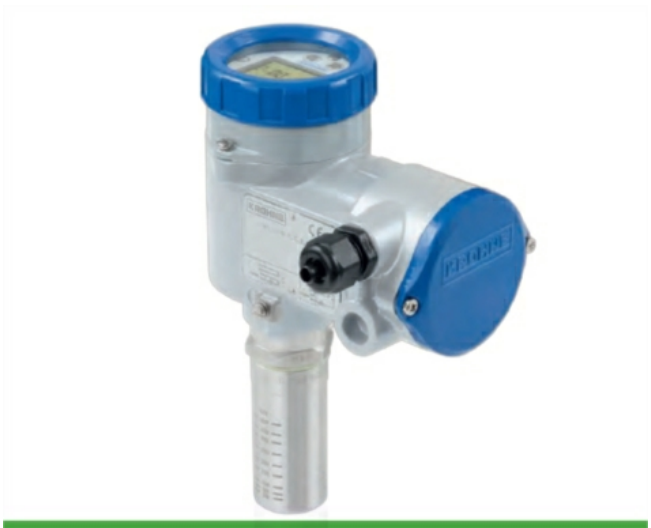

Electromagnetic Flow Controllers

KROHNE invented and founded the industrially used electro-magnetic flow measuring technology more than 45 years ago. Today, we continue to impress customers with our innovations in this field. With the DWM 1000 and DWM 2000 **flow controllers**, we offer two sturdy units. Depending on the design, the flow speed is monitored (DWM 1000) or measured and output via a 4…20 mA (DWM 2000). The only prerequisite is that the electrical conductivity of the medium be at least 20 µS/cm. DWM 1000 and DWM 2000 flow controllers are ideal for use with largely homogenous liquids, pastes and sludge. KROHNE offers the ideal flow control solution for virtually any process connection. Each device is equipped with a limit switch (dry reed contact) and it is possible to install another switch at any time. Available with threaded, flange or mounting flange connectors. High-temperature design up to max. +300 °C/+572 °F.

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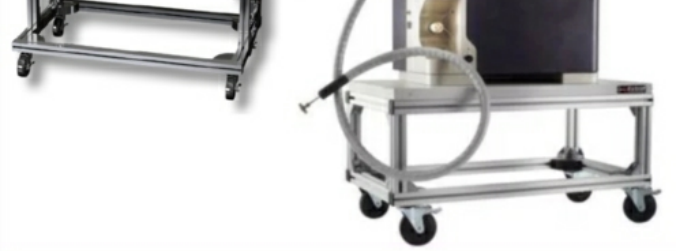

Extrel - Mass Spectrometers

Extrel CMS, LLC, a leading manufacturer of research and process mass spectrometers, joined Process Insights in 2020, bringing over 55 years of innovation in analytical technology. Based in Pittsburgh, PA, Extrel's advanced quadrupole mass spectrometers provide real-time gas analysis for environmental compliance and combustion control, serving industries such as research, chemical, refining, and pharmaceuticals. Designed for superior performance, precision, and reliability, Extrel's systems enable continuous molecular identification and quantification, improving safety, efficiency, and regulatory compliance. With modular, pretested components for easy customization and maintenance, Extrel's analyzers are trusted by national labs and industrial leaders worldwide.

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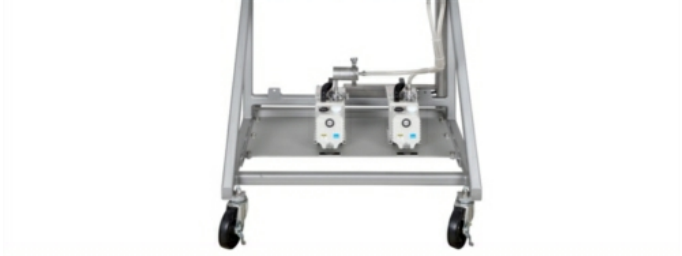

MGA - Mass Spectrometers

MGA™ mass spectrometer analyzers provide rapid, accurate and stable real-time analysis of up to 16 gas components in significantly less than 1 second. The unique combination of parallel spectrum processing and rapid stream selection makes this the world's fastest available process gas analyzer with new stream analysis data provided every 2-3 seconds. The MGA 1200CS is pivotal in analyzing bioreactor off-gases during fermentation, providing crucial insights for optimizing production. Its superior low drift characteristics guarantee unparalleled stability and accuracy over extended periods, enhancing the reliability of highly accurate OUR/CER/RQ calculations. Purposebuilt to surpass industry gas analysis demands. Offering high precision and a dynamic measurement range (from high ppm to 100%) for full, speciated composition

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On The Blog

ETAPII On-Site — Draeger Install

Discover how ETA Process Instrumentation helped a leading aerospace manufacturer enhance safety and reliability in their plasma heat treating process. By integrating Dräger ammonia and oxygen sensors, Polytron 7000 transmitters, and the Regard 3920 Controller, we provided a complete, scalable gas detection and monitoring solution. Learn how this system protects employees, safeguards equipment, and ensures compliance—while keeping operations running smoothly.

Safeguarding Pharma Production: Hydrogen Peroxide Decontamination Done Right

In the pharmaceutical industry, ensuring sterility is non-negotiable. One of the most widely used methods for contamination control is hydrogen peroxide (H_2O_2) decontamination, particularly in the form of vaporized hydrogen peroxide (VHP) cycles. While effective, this process comes with unique challenges that impact both patient safety and worker protection. A standard H_2O_2 decon cycle includes dehumidification, conditioning, decontamination, and aeration. To ensure reliable results, every step must be carefully controlled and validated. Automated systems help maintain consistency, but manual tasks still play a role.

Respirator Fit Testing & Maintenance

Regular maintenance helps extend the life of your equipment,

prevents unexpected failures, and ensures optimal performance. Our trained technicians thoroughly inspect, clean, and test each unit to be sure it meets manufacturer standards. If any issues are found, we provide necessary repairs or replacements to keep your gear safe and functional. Respirator service can be performed at customer sites throughout the New England, or at our calibration lab in Peabody, MA. We provide full documentation for record-keeping and OSHA compliance, giving you peace of mind that your equipment is properly maintained and your workplace remains safe. **Contact us today** to schedule your respirator maintenance to ensure, above all, that your team stays protected. We look forward to hearing from you!

AIHA™
American Industrial Hygiene Association

Come see us at the 2025 Connecticut River Valley AIHA Annual All-Day Conference

Connecticut River Valley
LOCAL SECTION

October 7th, 2025
7:30am-4:30pm

Yale West Campus, 100 West Campus Drive, Orange, CT

ETAPII since 1971 | Safety Inc. since 1970 | Facility Services | MARTECH

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