

NEWSLETTER



WDG-V HP Series Combustion Analyzer

Close-coupled convective flue gas analyzer for high-particulate processes

KEY BENEFITS	APPLICATIONS
<ul style="list-style-type: none">• Designed for high-particulate processes• Ultra-accurate measurement of O₂ with industry-proven zirconium oxide sensor• Suitable for flue gases up to 1537°C (2800°F)• Digital communications via Modbus and Ethernet• Completely field-serviceable	<ul style="list-style-type: none">• Rotary kilns• Power boilers• Recovery boilers• Multiple hearth furnaces
	KEY MARKETS
	<ul style="list-style-type: none">• Cement and lime• Sludge incineration• Pulp and paper

[Read More: Ametek ThermoX Oxygen and Combustibles Measurement Instruments](#)

Enhance Your Process Control with Ametek Western Research Analyzers



Discover Ametek Western Research Solutions for Precise Gas & Liquid Analysis
Ametek Western Research provides cutting-edge on-line process analyzers for real-time gas and liquid

composition analysis in various industrial applications. Whether you need purity analysis, blending control, reaction monitoring, or environmental compliance, our advanced analyzers ensure optimal performance and regulatory adherence.

Featured Products:

- ✓ **Chemical Composition Analyzers** – Single & multi-component gas/liquid analysis
- ✓ **Chlorine Dioxide & Vent Gas Analyzers** – For critical industrial monitoring
- ✓ **Color Monitors** – Integrated photometric spectrometer for quality control
- ✓ **Acid Gas Analyzers** – Accurate SO₂, H₂S, CO₂ detection for safety & compliance
- ✓ **Hydrocarbon Dew Point Analyzers** – Essential for natural gas processing
- ✓ **Hydrogen Sulfide Analyzers** – Explosion-proof solutions for sour & sweet gas monitoring
- ✓ **Sulfur Recovery Unit (SRU) Analyzers** – Optimized for acid feed gas, tail gas, and stack emissions

Ensure precision, safety, and efficiency in your operations with Ametek Western Research.

[Read More](#)



Precision Level Measurement with KROHNE Radar Transmitters

Achieve unmatched accuracy and reliability in level measurement with KROHNE's FMCW radar level transmitters. Designed for continuous, non-contact monitoring of liquids, pastes, powders, and solids, these transmitters provide optimal performance across industries such as chemical, oil & gas, power generation, food & beverage, and water treatment. The OPTIWAVE series offers frequency options from 6 GHz to 80 GHz, ensuring precise measurement in even the most challenging applications. With high accuracy (± 2 mm), quick setup, and interference elimination technology, KROHNE radar transmitters are the ideal solution for process efficiency and safety.

[Read More: KROHNE Level Measurement](#)



The new KR OPTIWAVE 15x0 Series introduces numerous opportunities across various industries. This series efficiently addresses basic-level applications for liquid and solid materials with cost-effective 80GHz radar technology. To enhance

the user experience, a short video (under 4 minutes) has been created to guide users through the quick setup process. The video demonstrates how simple it is to get the OPTIWAVE 15x0 Series up and running.



Gas Sample Dryers & Gas Humidifiers

Optimize Your Gas Analysis with Perma Pure's Advanced Drying and Humidification Solutions

Enhance Accuracy and Efficiency in Gas Sampling | Perma Pure offers cutting-edge gas sample dryers and gas humidifiers designed to improve the precision and reliability of your gas analysis processes.

Gas Sample Dryers: Utilizing proprietary Nafion™ tubing, these dryers selectively remove water vapor from gas samples without affecting analytes, ensuring accurate measurements and reducing maintenance needs. Ideal for applications such as ambient air monitoring and laboratory analysis, they provide superior moisture removal compared to conventional methods.

Gas Humidifiers: Powered by Nafion™ tubing, Perma Pure's humidifiers precisely add water vapor to gas streams, maintaining optimal humidity levels essential for processes like gas blending and calibrating analytical instruments. Features include self-limiting humidification, compact design, and suitability for use with hydrogen.

[Read More](#)



Reliable & Cost-Effective Calibration Gases from iFacility Services

Ensure precise and reliable gas detection with iFacility Services' high-quality calibration gases and accessories. We offer NIST-traceable disposable and refillable calibration gas cylinders, available as single gases or custom mixtures, at a lower cost than other suppliers. Our selection includes zero air, multigas for confined space meters, ammonia, carbon dioxide, methane, oxygen, and more, meeting the needs of various industries. Pair your calibration gas with our fixed flow, multi-flow, and demand flow regulators, along with essential accessories like sampling hoses, fittings, and carry cases. Trust iFacility Services for accuracy, affordability, and convenience in your calibration needs!

[Read More: iFacility Calibration Service](#)



Hydrogen Monitoring Tech Note

In their technical note, Draeger provides detailed specifications and performance characteristics of the DrägerSensor® MEC H₂, an electrochemical sensor designed for monitoring hydrogen (H₂) concentrations in ambient air.

[Read More: Monitoring 0-100% hydrogen with an electrochemical sensor](#)



On The Blog

Navigate PFAS6 and MCLs in MA, NH, and VT. Learn how advanced effluent monitoring ensures industrial compliance and reduces long-term liability. We work with industrial facilities across New England to implement reliable, scalable instrumentation solutions that align with emerging PFAS requirements.

[Read More](#)

The logo for Tiger Optics, featuring the word 'Tiger' in orange and 'Optics' in black, with a stylized orange and black tiger head icon integrated into the letter 'o' of 'Optics'.



Tiger Optics, a Process Insights brand, offers advanced Cavity Ring-Down Spectroscopy (CRDS) analyzers renowned for their precision in detecting moisture and impurities across various gases, including inert, reactive, corrosive, and specialty gases. Their product lineup features the Spark series, which balances high detection performance with cost-efficiency, making it ideal for process monitoring applications. These analyzers are widely utilized in industries such as semiconductor manufacturing, pharmaceuticals, and chemical processing, providing real-time, reliable measurements to ensure product quality and process efficiency.

[Read More](#)



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.



OSHA Summer Summit Event

Wed, Jun 17, 2026 | 7:30 AM - 3:30 PM
University of Massachusetts Amherst
Murray D. Lincoln Campus Center
91 Campus Center Way
Amherst, MA 01003

Gas Detection Sensor Technologies

Presented by: Joel Myerson – President, Safety Inc. An overview of how electrochemical, catalytic, infrared, acoustic, and photo ionization (PID) sensors work. These sensors are used in both portable and fixed gas detection systems. New developments in technology for each type of sensor. The gases that can be measured by each type of sensor, the advantages and disadvantages for each



ISA Niagara Frontier Section TECH EXPO

Tue, May 19, 2026 | 7:30 AM - 3:30 PM
Buffalo Riverworks
359 Ganson Street
Buffalo, NY 14203

Coupled with educational instrumentation and automation seminars, this event is a must-attend for Engineers, Technicians, Educators, Consultants, and Technology Buffs.



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