



May 2025

NEWSLETTER

AMETEK Trace Analytical - Draeger - Titus - KROHNE - NEO
Monitors - LAR a Process Insights brand

Enhance Your Gas Analysis Precision with AMETEK Trace Analytical Solutions

Discover Unmatched Sensitivity and Reliability in Trace Gas Chromatography

Discover the precision and reliability of **AMETEK Trace Analytical gas chromatographs**, available through ETA Process Instrumentation. Designed for ultra-sensitive analysis of trace impurities in ultra-high-purity (UHP) gases, the TA3000 and TA5000 series analyzers deliver parts-per-billion (ppb) detection capabilities.

The **TA3000** is ideal for continuous process monitoring with isothermal operation and detector options including Reduction Gas Detector (RGD) for H₂ and CO, and Flame Ionization Detector (FID) for hydrocarbons.

The **TA5000** builds on this with even greater sensitivity and enhanced electronics, making it perfect for critical applications like bulk gas certification and environmental monitoring.

The **TA7000** Gas Purity Monitor complements this line by providing continuous, real-time measurement of total impurities in inert gases, with detection levels as low as 1 ppb, making it ideal for monitoring gas supply purity in demanding environments.

[Read More](#)



AMETEK Trace Analytical
gas chromatographs

Dräger



The Polytron 8000 Series Gas Transmitters

Same design, same operating principle: The Polytron 8000 series

- All transmitters of this series have the same design and user interface, which guarantees a uniform operating philosophy.
- Your advantage: less training requirement and easier maintenance.
- The product family Polytron 8000 gas transmitters for stationary, continuous monitoring of gases and vapors in a suitable atmosphere.
- Each transmitter in the series is tailored to detect specific types of gases using various sensing technologies.
- Each model is part of a modular system where the Polytron 8000 platform serves as the intelligent transmitter housing, compatible with a variety of sensor heads for different gas detection technologies. This allows users to tailor solutions to specific applications while maintaining consistency in interface and operation.

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Titus Nitrogen Generators

Titus provides cost-effective, on-demand nitrogen gas production, delivering immense value with versatile applications across numerous industries. Membrane Nitrogen Generators present economical solutions to businesses seeking a reliable source of nitrogen production, leveraging a range of cutting-edge technologies.

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Krohne - Electromagnetic Flowmeters

KROHNE, the founder and global market leader in electromagnetic flowmeter technology, has been setting industry standards through continuous innovation for over 60 years. The OPTIFLUX product line exemplifies this legacy, offering a universal converter suitable for a wide range of applications. It features a unique diagnostics package capable of providing deep insights into the process, along with an intuitive interface and quick-start functionality that simplifies commissioning.

KROHNE's electromagnetic flowmeters are known for their high accuracy, long-term stability, and robust design, making them ideal for challenging environments across industries such as water and wastewater, chemical processing, food and beverage, and energy. These flowmeters are available in various liner materials and electrode options to ensure chemical compatibility and process reliability, even under harsh conditions.

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NEO Monitors LaserGas™ Tunable Diode Laser Spectroscopy (TDLS) Gas Analyzers and LaserDust™ Analyzers

NEO Monitors offers cutting-edge solutions for gas and dust monitoring with their advanced **LaserGas™** Tunable Diode Laser Spectroscopy (TDLS) Gas Analyzers and **LaserDust™** Analyzers. Designed for in-situ installation directly in the process stream, LaserGas™ TDLS analyzers eliminate the need for sample lines or probes and provide ultra-fast response times with T90 in seconds. They deliver accurate measurements from parts-per-billion (ppb) to percent levels across path lengths ranging from 4 inches to 90 feet, without stratification errors. With lasers that last over a decade and only require span calibration every 1–2 years, they set a new standard for reliability and low maintenance.

For particulate measurement, the LaserDust™ series—available in Medium Path (MP), Long Path (LP), and Extra Long Path (XLP) configurations—offers real-time, in-situ monitoring with response times as low as one second. These analyzers are ideal for high-temperature environments and are designed to optimize processes, reduce emissions, and minimize operational costs. With proven measurement techniques and easy installation, NEO Monitors' solutions ensure dependable, low-maintenance performance across a wide range of industrial applications.

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LAR - TOC Water Analyzers

Measuring TRUE Water Quality Continuously

LAR is your solution for the determination of parameters such as TOC, TNb, TOD, COD, BOD and toxicity. We are the only company worldwide that, using a high temperature method of 1,200°C, can completely oxidize a sample to accurately determine sum parameters. Particularly when measuring the TRUE TOC with differing of concentrations. For industrial, environmental and municipal applications.

TOC Water Analyzer Solutions include:

- Harsh Wastewater Applications = LAR™ QuickTOCultra™
- Clean Water Applications = LAR™ QuickTOCuvII™
- Municipal & Cooling Water Applications = LAR™ QuickTOCeco™

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Mag Meter Verification Service – Ensuring Accuracy & Performance

At iFacility Services, we specialize in Mag Meter Verification Services, ensuring your electromagnetic flow meters operate with precision and reliability. Our expert team utilizes advanced verification techniques to assess the health and accuracy of your mag meters without interrupting operations.



Why Choose Our Mag Meter Verification Service?

- ✓ **Non-Intrusive Testing** – We verify your mag meters without removing them from the pipeline, minimizing downtime and disruptions.
- ✓ **Enhanced Accuracy** – Our verification process ensures your meters provide accurate flow measurements, reducing errors and optimizing system performance.
- ✓ **Regulatory Compliance** – We help you meet industry standards and regulatory requirements, providing certified reports for audits and compliance checks.
- ✓ **Cost Savings** – Early detection of performance issues prevents costly repairs, replacements, and billing inaccuracies.

Contact us today to schedule your maintenance service to ensure, above all, that your team stays protected.



OSHA Summer Summit Event
by OSHA Training Institute Education Center Region 1
Wed, Jun 4, 2025 | 8:00 AM - 4:00 PM
300 Massachusetts Ave
Amherst, MA, 01002
www.oshaedne.com

OSHA Training Institute Education Center provides innovative and effective safety and health training to improve safety culture and performance in the workplace.



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