



July 2025

# NEWSLETTER

## LAND<sup>®</sup> AMETEK<sup>®</sup> Fixed Thermal Imagers



### Enhance Process Control with AMETEK LAND Fixed Thermal Imagers

LAND's Fixed Thermal Imagers offer reliable, high-resolution temperature measurement for a variety of industrial applications. Designed for non-contact use, these systems help ensure optimal performance, safety, and efficiency in demanding environments.

**Fixed Stationary Thermal Imagers** provide precise thermal imaging for a wide range of markets, from heavy industry to research and development. Available in long-wavelength, mid-wavelength, and short-wavelength (NIR) models, they support a variety of process monitoring needs.

**Fixed Borescope Thermal Imagers** are ideal for continuous, high-temperature furnace applications. With rugged design and high-quality optics, these imagers provide 24/7 process control and temperature monitoring inside challenging environments.

**Application-Specific Thermal Imaging Systems** are tailored to individual industrial processes. Built to deliver accurate and consistent temperature data, these systems help optimize process efficiency and product quality.

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## Draeger Gas Detection Sensors for Fixed & Portable Monitors

### Discover Draeger Gas Detection Sensors from ETA Process Instrumentation

When it comes to safeguarding personnel, equipment and facilities from dangerous gases, the right sensor makes all the difference. Draeger sensors for fixed and portable gas detection systems deliver quick, reliable responses and minimize downtime due to false alarms.

**Electrochemical (EC) Sensors** - Ideal for detecting toxic gases and oxygen at low levels, EC sensors offer high precision and come ready to use in ambient conditions [etapii.com](http://etapii.com).

**Catalytic Bead Sensors** - Designed for combustible gas and vapor detection, these sensors are available in versions tailored to specific applications and rely on the trusted catalytic bead detection principle [etapii.com](http://etapii.com).

**Infrared Sensors** - These rugged sensors resist poisoning that affects catalytic beads, deliver improved accuracy and can seamlessly replace pellistor sensors without additional installation work.

**SensorAlive H<sub>2</sub>S Sensor** - Featuring Draeger's SensorAlive self-testing technology, this H<sub>2</sub>S sensor is compatible with the Polytron 8100 transmitter and PointGard 2100 standalone system (with current firmware), helping you maintain optimal performance and uptime.

Discover Draeger Gas Detection Sensors from ETA Process Instrumentation When it comes to safeguarding personnel, equipment and facilities from dangerous gases, the right sensor makes all the difference. Draeger sensors for fixed and portable gas detection systems deliver quick, reliable responses and minimize downtime due to false alarms. Draeger's patented sensor technology: lasts 2-3 times longer than all other brands; has lower detection limits; requires less frequent calibration; doesn't drift or false alarm.

At ETA Process Instrumentation, we offer expert guidance and full support for Draeger sensor selection and installation throughout New England and Upstate New York. Reach out to find the perfect sensor solution for your safety needs.

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## KROHNE Vortex Flowmeters

### KROHNE Vortex Flowmeters: Precision and Reliability for Steam, Gas, and Liquid Measurement

KROHNE's Vortex flowmeters offer a robust and accurate solution for measuring steam, gases, and liquids in industrial applications. With no moving parts and minimal maintenance requirements, they provide long-term reliability even in demanding process conditions.

Thanks to built-in diagnostics and easy commissioning through HART or Modbus communication, KROHNE Vortex meters help reduce setup time and improve operational efficiency. Their compact design makes them suitable for installations with limited space, while optional flanged or sandwich versions support a wide range of pipeline configurations.

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

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## Alpha Omega Instruments Oxygen & Safety Monitoring

### Alpha Omega Instruments Oxygen and Safety Monitors: Trusted Protection for Critical Environments

Alpha Omega Instruments offers a reliable line of oxygen and safety monitors designed to protect personnel and processes in environments where gas hazards are a concern. Known for their accuracy, durability, and ease of use, these monitors are trusted across laboratories, pharmaceutical facilities, cleanrooms, and industrial settings.

All Alpha Omega monitors are built in the USA and feature user-friendly interfaces, robust enclosures, and low-maintenance operation. They're backed by dependable service and support to keep your safety systems running without interruption.

Contact us to find the right Alpha Omega solution for your facility's monitoring needs and ensure reliable protection in oxygen-sensitive environments.

[Read More](#)

## Kurz Flow Meters



*In dry or wet gas environments, Kurz flow meters define the industry standard for the highest repeatability, accuracy, and reliability. Applications that call for general information, exacting accuracy, or system protection can rely on Kurz devices for real-time sensor and electronics diagnostics, and dependable temperature compensation.*



- The Kurz 534FTB features built-in inlet and outlet piping reducers/ expanders that enhance immunity to flow disturbances from elbows, valves, and line size changes.
- This patented technology ensures minimal end-to-end pressure drop and the fastest response to velocity and temperature changes in the industry.
- The product line offers models for both corrosive and noncorrosive applications.
- Flow rates up to 7,016 SCFM (10,994 NCMH) and process temperatures from -40°F to 257°F (-40°C to 125°C), supporting pressure ratings up to 300 PSIG (20 BARg).



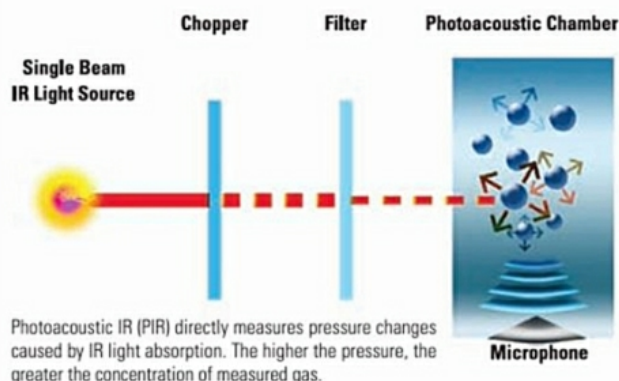
## State-of-the-art Photoacoustic IR delivers maximum accuracy & sensitivity

Unlike other infrared (IR) technologies, Photoacoustic IR (PIR) directly measures refrigerant gases without needing reference samples. This means it avoids mistakes that can happen when reference gases change because of temperature, pressure, old IR lights, or dirty sample cells. PIR systems check for changes in pressure that happen after IR light is absorbed by the refrigerant molecules. By using special filters, PIR can focus on specific gases and avoid measuring anything when no gas is around.

*Choose Thermal Gas System's Photoacoustic IR for the highest level of monitoring dependability. Because no reference gas comparisons are required, only Photoacoustic Infrared (PIR) technology provides a direct measurement of refrigerant gas concentrations.*



- Haloguard IR
- Haloguard III
- Haloguard I/IR
- Haloguard II/IR



Fall Protection Inspection Service

### Fall Protection Equipment Inspections

Fall protection is a critical aspect of workplace safety, as it helps prevent fall related accidents, injuries, and fatalities. Proper planning, equipment, and training are essential to ensure that individuals working at heights can do so safely.

We provide Competent Person Fall Protection Equipment Inspections. ANSI Z359.1-1992 Requires annual (or more frequently depending on manufacturer guidelines and/or usage) inspection of fall protection equipment by a "Competent Person". We're here to help you comply with this standard.

We can provide an inspection at your facility or on equipment sent to our calibration lab. Our tech's provide full documentation for record keeping and OSHA compliance.

**Click to schedule a service** or **contact us** for more information. We look forward to hearing from you!

We also invite you to shop our sister company **Safety Inc.** for your fall protection equipment needs.



