



ETA Process Instrumentation

One call. One company.
servicing New England since 1971
www.etapii.com

October 2023

FEATURED PRODUCTS AND MANUFACTURERS

Gasmet FTIR process analyzers PPB level detection of up to 50 gases without cross-interference



Process FTIR Analyzer

- Designed workplace air monitoring, and quality control applications
- It is an ideal tool to measure components of interest in ambient conditions
- The sample cell can be heated up to 50 °C
- Sample cell absorption path length is selected according to the application
- Allows simple calibration using only single component calibration gases
- User can easily configure the analyzer for a new set of compounds



Portable FTIR for rata testing, fits in the trunk of a car

- Fast, reliable FTIR technology is low maintenance
- No sensors to replace Intuitive user interface and ergonomic design
- Quickly and easily disassemble, carry, and set-up again
- Multi-gas measurements in a portable package
- Realtime results reliably and remotely via Bluetooth or wifi
- Smart software with self-diagnostics



Portable FTIR for IH and Hazmat

- Portable and quick set-up Battery operation
- Wireless communication
- Simultaneous measurement of all gases Splash proof, IP54 rated

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Gasmet Feature by Joel Myerson

Gasmet is a company based in Finland. Their technology was developed at a University in Finland in the early 1990s. Their technology is based on Fourier Transform Infrared (FTIR). They didn't invent FTIR technology, what they did was perfected it. They have developed methods to lower the detection limits of FTIR into the lower PPB range, for over five thousand gases.



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Spectite *sealing glands* Solutions for all applications



Single/Multiple Probe Feedthrough Glands



Single/Multiple Bare and Insulated Wire Feedthrough Glands



High Current Electrode Feedthrough Glands

- Sealed feedthroughs, essential for when probes, sensors, electrodes, wires and other types of static elements need to be sealed as they pass through a pressure or environmental boundary
- Feedthrough assemblies are pressure rated up to 10,000 psi and can be used in applications at a maximum temp of +1,600 °F (+870 °C), dependent on the type of feedthrough and sealant material specified
- Offers a variety of thread sizes; 1/8", 1/4", 3/8", 1/2" and 3/4" NPT Sealant Materials in Graphite, Teflon, Lava, Neoprene and Viton

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Thermal Gas *refrigerant* monitors Photoacoustic IR for lowest detection limits, no drift



Haloguard IR

The most sensitive (1ppm), highly selective Photoacoustic infrared gas monitoring



Haloguard III

Multi-gas, wideband PIR cost-effective 20ppm sensitivity



Haloguard I IR

Combines the HALOGUARD Microprocessor based controller and a highly selective and sensitive remote infrared module to provide the most advanced system for detecting the presence of halocarbons



Haloguard II IR

Most Sensitive (1ppm) & Selective Photoacoustic Infrared Monitoring of Up to 6 Refrigerants in an Expandable Split Architecture System Design.

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Thermal Gas Feature by Joel Myerson

Thermal Gas systems is a manufacturer of refrigerant leak detection systems. They've been in business for over thirty years. They are a privately held company with expertise in refrigerant monitoring. Their systems are built to order, assembled and calibrated at the factory, then disassembled and shipped.



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H2Scan *Hydrogen monitors* *Patented, long life hydrogen sensor*



Semiconductor Sensors to Measure Hydrogen

No cross-sensitivity to common interferents like CO and H₂S
Hydrogen sensitivity range of 0.4% to 5.0% hydrogen by volume

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H2Scan Feature by Joel Myerson

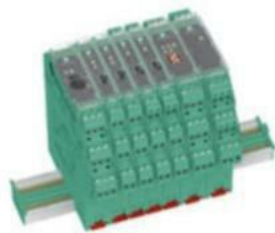
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Pepperl+Fuchs

The leader in hazardous area solutions



Interface Technology

- Intrinsic Safety Barriers, Signal Conditioners
- HART technology (HART Interface Solutions, Wireless Solutions)
- Bus systems (Fieldbus Infrastructure, Remote I/O)
- Surge Protection



Computing

- Industrial Monitors and HMI Solutions
- Intrinsically Safe Mobile Devices



Enclosure Protection

- Purge and Pressurization Systems
- Electrical Explosion Protection Equipment

Power Supplies

- PS Industrial Power Supplies
- K-System Power Supplies
- Fieldbus Power Supplies

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IFacility Services by Joel Myerson

IFacility services is the service division of Safety Incorporated, ETA Processing Instrumentation, and Martech Controls. We've been performing service for over thirty years on both portable and fixed instruments. One of the unique features we have is our technicians are trained to provide multiple levels of service.



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Trade Shows

AIHA Connecticut River Valley Trade Show Oct 12 - Safety Inc. Booth, Annual All-Day Conference”
October 12, 2023 7:30 AM - 4:15 PM, Aqua Turf, Southington CT

NEAIHA in Norwood, MA, October 17th. Safety Inc. booth. President Joel Myerson will be presenting “
An overview of gas detector sensor technologies”

[Link to More](#)

WE'RE HIRING

We're looking for great inside and outside technical sales reps in Upstate New York and in New England. We exclusively represent some of the leading manufacturers of process and analytical instrumentation. We're growing and looking to add great people to our team.

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