



Martech Controls

One call. One company.
servicing Upstate New York since 1997
www.martechcontrols.com

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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
- ample cell absorption path length is selected according to the application
- Allows simple calibration using only single component calibration gases
- The 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.



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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 interferences 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

H2Scan is a company that was spun out of research at a university in California. They have a patented hydrogen specific semiconductor sensor. The advantages of their semiconductor sensor are that it doesn't have cross sensitivity to some common gases



that can cause cross-sensitivity, carbon monoxide in particular, as well as hydrocarbons and helium.

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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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Kurz flow meters

For dry or wet gas applications



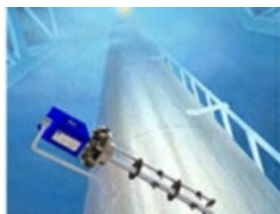
Single Point Insertion Meters



Multipoint Insertion Meters



In-Line Flow Meters





Monitoring & Sampling Systems

Portable Flow Meters

Mass Flow Computers

- Flow meter products of outstanding quality and exceptional dependability that exceed the most challenging industry requirements
- 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 rely on Kurz devices for real-time sensor and electronics diagnostics, and dependable temperature compensation.

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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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Martech Controls Trade Shows

2023 Genesee Valley & Finger Lakes Region EH&S PDC
 SESH 2023 Conference Albany New York, Nov 2-3, 2023
[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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