



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 gas without cross-interference



Gasmet CX4015

- 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



Multipoint Sampling Systems

- On-line measurements, ideal to measure components in ambient conditions
- Wall mounted stainless steel case includes all valves, a flow meter, a pump and a filter
- Standard includes four (4) sample gas input lines and one pump
- Function of the MSS is fully automatic, controlled by Calcmeter software
- Option for MSS to be equipped up to 32 sample gas input lines and with a second sample gas pump



Gasmet Calibrator

- Incorporates a syringe pump, a manual needle valve, a mass flow meter, and a stainless-steel injection chamber
- Syringe pump injects precise amounts of liquid or gas into a hot nitrogen gas flow, thus producing a continuous flow of a known concentration calibration gas
- The injected liquid is vaporized rapidly in the stainless-steel injection chamber, which can be heated up to 180 °C, making the calibrator particularly useful when generating high concentration water vapor calibration gas
- Changing the syringe size, the calibrator can be used to produce homogeneous calibration gas from ppm concentrations up to several percentages (saturated gas)

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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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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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Pepperl+Fuchs

The leader in hazardous area solutions



Interface Technology

- Intrinsic Safety Barriers, Signal Conditioners
HART technology (HART Interface Solutions,



Computing

- Wireless Solutions)
- Bus systems (Fieldbus Infrastructure, Remote I/O)
- Surge Protection

- 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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TRADE SHOWS

10/25 NEAIHA in Norwood, MA Safety Inc

10/26 ISA in Saratoga Springs, NY Martech Controls

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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