



ETA Process Instrumentation

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servicing New England since 1971
www.etapii.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
- 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



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 Calmet 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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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

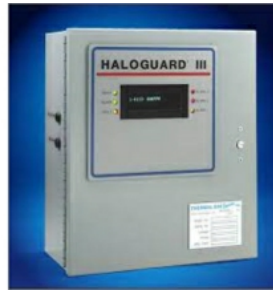
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Thermal Gas *refrigerant* monitors *Photoacoustic IR for lowest detection limits, no drift*



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

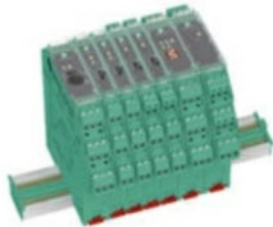


No cross-sensitivity to common interferents like CO and H₂S
Hydrogen sensitivity range of 0.4% to 5.0% hydrogen by volume

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Pepperl+Fuchs

The leader in hazardous area solutions



Interface Technology

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