



## Martech Controls

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servicing Upstate New York since 1997  
[www.martechcontrols.com](http://www.martechcontrols.com)

January 2024

### FEATURED PRODUCTS AND MANUFACTURERS

#### Draeger *Wireless Gas Detection*

##### *Polytron 6100 Wireless Gas Detector*



- Wireless transmitter for continuous monitoring of toxic gases and oxygen.
- Intrinsically safe, SIL2-rated transmitter features completely wireless signal transmission and a power supply.
- Internal battery pack continuously powers the transmitter for up to a minimum of 24 months.
- Uses standard long life, low maintenance Draeger sensors.
- Flexible and cost efficient solution for plant expansions, upgrades, and new installations.



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#### M4 Knick *Sensor Management*

##### *Portavo 908 Multi*

- Portable multiparameter analyzer for digital pH/ORP, conductivity and oxygen sensors.
- Portavo can be used for sensor calibration, diagnostic analysis, data-logging, and portable in-field measurement.



- Calibration and sensor condition are monitored and stored in the sensor head.
- Sensors can be calibrated in the field or the lab, sensors are interchangeable (not dedicated to a wire).
- The only portable meters with cFMus approval for use in hazardous Class 1, Div. 1 areas



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## Perma Pure *Gas Drying and Humidification*



### *FC™ Series Humidifiers*

- Perma Pure FC Series humidifiers use an exclusive Nafion™ membrane tubing to continuously humidify gas streams.
- These humidifiers operate over a wide range of flow rates.
- They can use either liquid water or a humid gas stream as a source of humidity.



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## Neomonitors

*Neomonitors Tunable Diode Laser Spectroscopy (TDLAS)*

*Tunable Diode Laser Spectroscopy (TDLAS) Gas Analyzers*

- Analyzers mount directly to the process (In situ) - no probes or sample lines
- Laser does not degrade over time, lasting 10 years+
- Fast response to T90 in seconds - ppb, ppm, or % capable
- Average Concentration across the path length, no stratification errors
- Path lengths from approximately 4" to 90 ft
- Span calibration only, every 1-2 years. no zero calibration required



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### Draeger Polytron 6100 feature - by Joel Myerson

The Draeger Polytron 6100 is a wireless transmitter for the detection of oxygen and toxic gases. It utilizes Draeger's patented electrochemical sensors so it has all of the advantages of Draeger sensor technology that customers have seen in our wired transmitters. Core advantages are performance: the Draeger sensors last two or three times longer than every other manufacturer's electrochemical sensors because of the patented technology [continue](#)



Also see Application note: Draeger Liquefied Gases and Tank Farms, Gas Detection for Liquefied Gases and Tank Farms [Link](#)

### ISA Eastern New York, ISA-ENYS.ORG

*Martech Controls Gas Detector Technology Webinar with Joel Myerson, Virtual Event*

January 30, 2024 from 12:00 pm to 1:00 pm

[Register Here](#)

### 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.

[Position, outside sales of process instrumentation](#)

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