



July 2024

FEATURED PRODUCTS AND MANUFACTURERS

Draeger Wireless Gas Detection



Polytron 6100 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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New EPA regulation for fence line monitoring The “Safer Communities by Chemical Accident Prevention Rule” includes EPA’s most protective safety provisions for chemical facilities in history, requiring stronger measures for prevention, preparedness, and public transparency. The rule protects the health and safety of all communities by requiring industry to prevent accidental releases of dangerous chemicals that could otherwise cause deaths and injuries, damage property and the environment, or require surrounding communities to evacuate or shelter-in-place.

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Products to comply with this new EPA regulation

[Draeger wireless gas detection](#)

[Neo Monitors Laser Gas](#)

Thermal Gas

Photoacoustic IR



CMOS Monitors



Unique, high-sensitivity Photoacoustic IR technology
Reliable, economical CMOS monitoring technology

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H2Scan



Semi Conductor 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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Permapure Baldwin

Gas Sample Conditioning Systems for Emissions and Process Monitoring

Baldwin Series Digital Coolers Baldwin Hybrid Gas Coolers

- For EMS and Process Analysis Applications include Power Generation, Refineries, Petrochemical, Incineration and Water Treatment Coolers/Probes, Sample Conditioning Systems, Ammonia & Acid Scrubbers, Portable Equipment
- Hybrid gas coolers - provide all the benefits of Perma Pure's Nafion™ based drying technology combined with the functionality of a traditional thermoelectric coolers



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Southland Sensing

Industrial Oxygen Analyzers



Oxygen Sensors



- Specialist in Oxygen measurements from 0.001 PPM up to 100.0% oxygen
- Linear output -sensors typically only require a one-point calibration
- Limited cross-interferences from other gases and sample conditions
- Compact sensors (low profile/size), fast response times
- Direct fit sensor replacement for various manufacturers at a lower cost
- Advanced Instruments, Advanced Micro Instruments, GE Sensing, Teledyne Analytical
- No periodic additions of water or electrolyte that's required in non-electrochemical oxygen sensors
- Can easily modify/customize products

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RKI GX-6000 feature blog by Joel Myerson

The RKI GX-6000 is a six-gas sample draw gas detector. It's very small compared to other units, simple to hold in one hand, simple to operate using the digital key pad navigation buttons. The gx-6000 has an on-board library of six hundred correction factors for the PID, and three different options for lamps

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