

PureAire Gas Detection May Newsletter

Thank you from PureAire

As many of us begin to see life return to "normal", we at PureAire would like to extend our gratitude to our customers for their continued support; our staff, many of whom had to adapt to new safety protocols and, for some, work from home; and to all the essential workers and businesses that have kept life going during this past year. We could not have done it without you all.

Certainly, the pharmaceutical industry, along with the many businesses that support pharmaceutical research, development, and distribution of innovative and important medicines, deserve our appreciation as well.

Visit our Website

Gas Monitors Improve Safety in Pharmaceutical Manufacturing



The manufacture of pharmaceutical products is a complex and multi-stage operation that can include processes such as blending, wet and dry granulation, milling, hot-melt extrusion, coating, and tablet pressing. Producing the exact formulation, release rate, consistency, and dosage form requires many chemical compounds and substances.

Among the mare active pharmaceutical ingredients (API), the primary and biologically active medicinal component of the drug; excipients, the non-active components, including lipids, which serve as carriers, solubilizers, or emulsifiers of the active ingredients; and plastics or polymers used in production to create the dispensing form of the finished pharmaceutical product.

Industry Spotlight - Pharmaceutical



Medical facilities and pharmaceutical labs rely on nitrogen gas to maintain frigid temperatures for cell preservation, vaccines (including manufacturing and distribution, storage, tissue destruction, and to put out fires.

For sterilization purposes, nitrogen gas assists with purification by removing oxygen from the environment. This extends the shelf life of a product, while also ensuring that labs growing tissue cultures can maintain a sterile environment.

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Featured Product

Our featured product is our ST-48 Combustible Gas Monitor, ideal for facilities that require continuous monitoring of Ethanol and Alcohol-based products.

- LEL Combustible Gas Analyzer with 0-100% or 0-4% of LEL
- Designed for Combustible Gases including Alcohol-Based Products
- Gas Sampling for Vessels or General Safety with Wall Mount
- Explosion-Proof Enclosure
- Non-Intrusive Calibration
- Local Digital Display
- 4-20 mA Analog Output
- 2 Configurable High/Low Relays
- Long Life LEL Catalytic Sensor Average, 5-6 years

Additional Information



PureAire Google Reviews



"We have a total of 9 PureAire models TX-1100-DRA oxygen monitors installed. Most have been running for many years without incident or maintenance. Customer service when needed has been excellent, with quick support and service Would not hesitate to recommend." - Matt R..

"During a laboratory renovation, we utilized the 8 channel controller (99058) integrated with the 1100 DRA oxygen detectors (99016) also, we included the horn strobes (42002) and remote digital display (99091). This system installed with ease and has a very user-friendly program. PureAire has multiple apparatuses for various systems and applications. I highly recommend PureAire Monitoring Systems and

most definitely will revisit their product line for future projects." - Mr. Yzig

"This is the second O2 monitor purchased from PureAire. Systems and customer service is always great." - Richard R.