

PROTECT LIFE SCIENCES FACILITIES FROM O_2 DEPLETION, GAS LEAKS & FLAME RISKS

Detect oxygen depletion, gas leaks, and fire hazards early across every area of your plant.

In life sciences facilities, gases such as nitrogen are essential for process integrity, but they also introduce invisible safety risks.

Leaks can reduce oxygen levels and create hazardous conditions, while flammable gases can escalate into fire events if not detected early. These risks are often difficult to monitor, especially in areas where wired systems are too costly or impractical. A smarter approach is needed, enabling continuous monitoring, flexible deployment, and reliable detection across the entire plant.

Rosemount™ 928 Wireless Gas Detector

Key capabilities:

- Wireless deployment: no cabling, fast installation
- Detect O_2, H_2S, CO, and combustible gases on one platform
- Hot-swappable sensors and power module for simplified maintenance
- Easy expansion where WirelessHART infrastructure already exists

Operational benefits:

- Extend safety coverage across the plant
- Add gas detection points quickly in labs, storage rooms, process areas, utilities, and expansion spaces
- Standardize gas detection on one flexible wireless platform
- Lower lifecycle costs with diagnostics and long sensor life
- Reduce installed cost compared with traditional wired detection
- Improve early warning for oxygen depletion and flammable gas leaks.



Rosemount 928 Wireless Gas Detector

Rosemount 975 Flame Detector

Key capabilities:

- QuadSense™ technology for improved false alarm immunity
- Detection range up to 90m
- Fast response to real flame events
- Built-in test functionality

Operational benefits:

- Reduce nuisance alarms, unnecessary shutdowns, and avoidable evacuations
- Detect real flame events quickly and support a faster response
- Cover larger areas with fewer detectors, with a range up to 90m
- Simplify proof testing with built-in test functionality
- Improve operator confidence in flame alarm reliability.



Rosemount 975 Flame Detector

For more information, visit **Emerson.com/LifeSciencesMeasurement**

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