NTMOS H$_2$S Gas Detector
Nanotechnology Metal Oxide Semiconductor

**Tough in Harsh Environments**
Whether in dusty, arid, muggy, hot, or cold conditions, the NTMOS Gas Detector will alert you to the presence of H$_2$S gas in six seconds or less.

**Perfect for Oil and Gas Applications**
The NTMOS detector is ideal for harsh oil and gas applications, where H$_2$S can be difficult to detect.
- Offshore platforms and rigs (IP66/67 ingress protection rating)
- Crude oil tank storage
- Remote oil/gas well sites
- Oil/gas drilling sites
- Refineries

**Versatile Display**
The NTMOS detector provides additional benefits when paired with the Det-Tronics FlexVu® Universal Display.
- Local display, relay, alarm, and fault outputs
- HART protocol
- Nonintrusive calibration
- Access to alarm and fault history

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**The Det-Tronics® NTMOS H$_2$S Gas Detector can detect hydrogen sulfide gas in less than six seconds – four times faster than the ISA standard.**

*Every second counts.*

Just a few breaths of air containing hydrogen sulfide (H$_2$S) gas can be deadly.

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**Functional and Fast**
Proven by third-party testing to exceed the standard ANSI/ISA 92.0.01, the NTMOS detector can detect H$_2$S gas in under six seconds (T20 ≤ 6 seconds).

**Reliable in Extreme Conditions**
Delivers repeatable detection in extreme temperature and humidity conditions, where electrochemical detectors might not be as effective.

**Flexible Installation**
Can be installed as a stand-alone device or combined with a local/remote display, such as the Det-Tronics FlexVu Universal Display.
Flexible Display and Communication Options

Scalable to fit your needs, the NTMOS H₂S Gas Detector can function as a stand-alone device, can be paired with a variety of local display/control devices, or can be part of a flame and gas detection system.

Stand-Alone And/Or Local Display/Control And/Or Within a System

→ The NTMOS H₂S Gas Detector can be paired with any of these local display/control devices:
  • FlexVu Universal Display with HART protocol for remote/local termination, calibration, and display
  • Gas Detector Termination Box (GDTB) for local termination and calibration
  • U9500 Infiniti® Transmitter for remote/local termination, calibration, and display

→ The NTMOS, whether stand-alone or paired with display/control devices, can be part of a safety system via these options:
  • Eagle Quantum Premier® (EQP) Controller for an addressable loop system
  • R8471 Single-Channel Controller for a point-to-point H₂S detection system
  • Model GP16 System for a gas-panel system solution