

FPM 8000

ANTI-TERRORISM SENSOR FOR CHEMICAL WARFARE AGENTS

The Control Equipment FPM 8000 Facility Protection Monitor is the product of 20 years of research and development in conjunction with Military and Homeland Security Authorities.

FEATURES:

- Detects 17 individual CWA and TIC THREAT Gases
- Intelligent Nano Array Sensor (*i*NAS) technology
- Long life highly stable sensor
- Constant Sampling
- Fast Response
- Stand Alone Instrument
- Wireless and wired outputs
- Small form factor
- 24V DC Powered

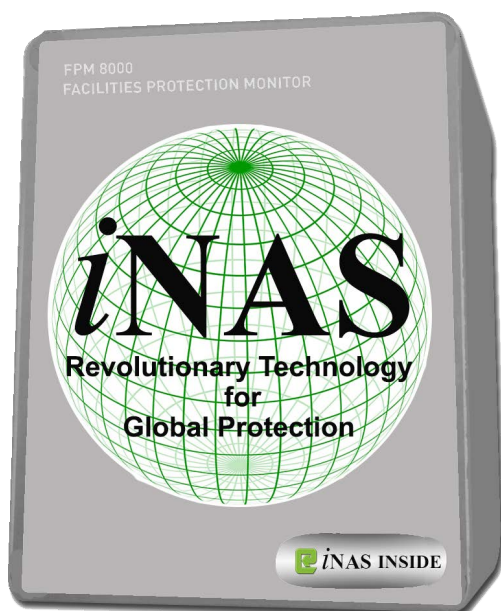
APPLICATIONS:

- Airports
- Subways
- Public Buildings
- Shopping Malls
- Government Facilities
- Defense Facilities
- Sensitive Infrastructures
- Power Stations



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GASES DETECTED & IDLH MEASURED:

Acrolein	2ppm	Lewisite	14ppb
Acrylonitrile	85ppm	Mustard	108ppb
Ammonia	300ppm	Nitrogen Dioxide	20ppm
Chlorine	10ppm	Phosgene	2ppm
Cyanogen Chloride	20ppm	Sarin	17ppb
Ethylene Oxide	800ppm	Sulphur Dioxide	100ppm
Formaldehyde	20ppm	Tabun	14ppb
Hydrogen Chloride	50ppm	VX	3ppb
Hydrogen Cyanide	50ppm		

The FPM 8000 is based on revolutionary highly sensitive nano array technology which is at the heart of the intelligent sensor, making it capable of discriminating between gases and identifying target Chemical Warfare Agent gases (CWAs) and Toxic Industrial Compound gases (TICs). It senses 17 predominant THREAT gases used for terrorist purposes (5 CWAs and 12 TICs). Each THREAT gas is identified and its concentration is measured by the Intelligent Nano Array Sensor (*iNAS*).

The FPM 8000 can be relied upon to alarm only when a credible threat is detected. The (*iNAS*) technology guards against false alarms, so common in instruments using other sensor technologies.

The FPM 8000 utilizes industry standard RS 485 protocol to output data quantifying each of the 17 THREAT gas levels. The RS 485 output is available as a wirelessly transmitted signal as well as via the on-board RJ45 connector for hardwire connection. Outputs can be connected (via a receiver in the case of wireless) to a central monitoring system for alerting purposes and for shutting down plant to prevent the spread of the THREAT gases once detected.

The proven, highly stable and long life (*iNAS*) sensor provides the most reliable and secure solution to the dangers that CWA and TIC THREAT gases pose to infrastructure facilities in the modern era.

FOR MORE INFORMATION PLEASE CONTACT CONTROL EQUIPMENT GLOBAL:

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