



FIRE DETECTION

FOR POWER PLANTS, AIRCRAFT HANGARS, REFINERIES, LNG AND PETROCHEM FACILITIES

FIXED GAS DETECTION

FOR PIPELINES, HANGARS, COMPRESSOR STATIONS, WATER TREATMENT PLANTS

PORTABLE GAS DETECTION

FOR CONFINED SPACES, PERSONAL MONITORING, SAFETY SURVEYS

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M&D solutions

THE BEST SOLUTIONS TODAY FOR FIXED & PORTABLE MONITORING

fire & gas detection

Murphy & Dickey, Inc. has provided quality instrumentation since 1943. We work with experts in fire & gas detection equipment to ensure the very best solution for our clients. If you require a personal monitor for a single individual, explosionproof surveillance or a complete detection and suppression system for an entire facility, consider Murphy & Dickey, Inc.

Why X3301 Multispectrum Infrared Fire Detection?

The answer is simple: For the majority of industrial fire detection applications, multispectrum infrared detection is the best choice. It has the greatest immunity to false alarms such as reflected sunlight, heat, lightning, infrared radiation (motors, etc.). Only an actual fire will activate a multispectrum IR detector! That's because the X3301 software compares the quality of IR received at three different wavelengths. The only common trip point is a flickering fire. X3301 monitors a variety of different types of fire: including hydrogen and other types of hydrocarbon fires. Det-Tronics X3301 has built-in hardware and software diagnostics that check the detector every

60 seconds. Each detector is tested on actual fires before they ever leave the factory. They are designed to tie directly into fire panels or suppression systems, as well as Det-Tronics EQP monitoring system.

Okay, but doesn't multispectrum infrared detection cost more? As far as a cost per unit as compared to a single-frequency or UV/IR detector, yes. However, installation cost must also be calculated for the given project. With a better area of coverage using fewer detectors, we can cut installation costs that are often higher than the detectors themselves. This is a very small part of the story. *Questions? More info?*

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SAFETY IS OUR FOCUS

Murphy & Dickey, Inc. has provided fire & gas detection solutions to all major chemical facilities, refineries and pipelines in Northern Illinois over the last 15 years. That's over 500 fixed infrared gas detection installations alone! If you have an application, our professional team can help you choose a solution that is right for you. Each application will be carefully reviewed by factory-trained application engineers. Then, it will be double and triple-checked by a certified fire protection engineer or gas detection specialist. www.murphyanddickey.com