

thermo scientific



Any Scenario. Any Mission.

Safety and Security Field Instruments



ThermoFisher
SCIENTIFIC



Saving Lives and Preventing Disaster

Radiation, chemical and narcotics incidents expose all elements of society to fatal risks.

Our vast range of detection devices save lives and prevent disaster - any mission, any scenario.

Thermo Scientific instruments help emergency and first responder personnel keep themselves and our world safer.

Those charged with keeping the public safe face a wide range of security threats. Our solutions provide the tools to ensure public and employee safety, helping agencies deal with threats such as:

Military

- Personal Radiation Exposure
- Explosive Ordnance Disposal (EOD)
- Malicious Radiation Threats
- Chemical Warfare Agent (CWA) identification

Government Agencies

- Unidentified Chemicals used in bomb manufacturing
- Employee Radiation Exposure
- Localization and identification of radiation sources or contamination
- Narcotics, Synthetics and Cutting Agents found in illicit drugs, postal packages, at borders

Fire Fighters

- Unidentified Chemicals at industrial or transportation accidents
- Unidentified Radiation caused by explosions, exposures

Law Enforcement

- Misplaced radiation sources or dirty bombs
- Narcotics, drugs and precursors found in illicit substances, postal packages at borders
- Unknown chemicals at clandestine laboratories



Thermo Scientific

Quickly, accurately and reliably locate and identify hazardous substances.

Radiation Detection and Identification Instruments

RadEye SPRD Family of Personal Radiation Detectors

- Handheld radiation monitor with detector sensitivity and intelligent alarming
- Identifies the category or specific type of radiation
- SPRD-GN provides outstanding gamma and neutron detection



RadEye G Series Personal Dose Rate Meters

- Continuously monitors personal radiation exposure in nuclear or radiological emergencies
- Light-weight, handheld Geiger counter displays changes in radiation immediately



RadHalo Area Monitors

Monitor, prevent and mitigate exposure to dangerous radiation events

- Fast, accurate dose rates from background to 10 Sv/h (1000Rem/h)
- Rapid deployable probe (RDP) provides re-locatable monitors for quick deployment and monitoring



Securing Cities

Large cities like New York City and Washington DC utilize RadEye SPRD and RadEye SPRD-GN as part of their secure the cities initiatives to prevent radiation incidents.

Spotlight



Safety and Security

Safe and easy to use with minimal training.

Chemical Identification Instruments

Gemini Handheld Analyzer

- Raman and FTIR technologies: complimentary and confirmatory
- Fully automatic scan start delay capability, users can get chemical identification from potentially dangerous chemicals from a safe distance
- Intuitive interface requires minimal training



FirstDefender RMX Handheld Chemical Identification

- Quickly identifies chemicals including explosives, toxic industrial chemicals, chemical weapons, narcotics, precursors, white powders.
- Articulating laser probe and RS232 port allows hands-free scanning and potential for stand-off chemical identification via robot integration



TruDefender FTX/FTXi Handheld FTIR Analyzer for Chemical Detection

- Allows easy sampling of solid and liquid chemicals in the field
- Fast accurate IDs in seconds, even for complex mixtures



Spotlight

Gemini Chemical Analyzer Helps Save Lives, Prevent Disasters

Customs and borders agencies use Gemini to identify over 14,000 different chemicals.



Field Instruments

Narcotics Identification Instrument

TruNarc Handheld Narcotics Analyzer

- Field-based presumptive narcotics, precursor and cutting agent testing
- Library regularly updated to include emerging drug threats
- No direct contact with most substances
- TruNarc results are court admissible, reducing backlog in labs



Spotlight

TruNarc Narcotics Analyzer Saves Time and Money

Jacksonville Drug Enforcement Unit adopted TruNarc, relieved huge backlog at state lab and increased speed of prosecution.



Data Management

ViewPoint Enterprise Remote Monitoring System

Comprehensive, customizable real-time monitoring and data management.

We help agencies get connected and bring multiple instruments, by any manufacturers, together on one digital platform.



Pro-active Data Management

On any given day, the New York city perimeter stretches for miles with dozens of devices monitoring potential threats. Thermo Scientific ViewPoint provides the means to monitor all those instruments (from multiple manufacturers) on one integrated network.

Spotlight



For more information, visit us at thermofisher.com/threatdetection