

 **SAFEWARE®**

EXPLOSIVE ORDNANCE DISPOSAL  
& BOMB SQUAD EQUIPMENT





GAS DETECTION AND  
MONITORING SERVICES



RESPIRATORY  
PROTECTION SERVICES



ONSITE  
TECHNICAL SERVICES

**SAFEWARE®**  
TECHNICAL SERVICES

- » SCBA Flow Testing, Functional Test
- » Breathing Air Compressors
- » DOT Cylinder: Hydrostatic Testing & Refills
- » SCBA & Respiratory Fit Testing
- » Level A Suit Pressure Testing
- » Portable Gas Detection Monitors
- » Breathable Air Testing & Certification
- » Cascade and Supplied Air Systems
- » Safety Equipment Rental Packages

Safeware's trained and certified technical services division provides top quality onsite solutions and consultations to keep your team safe and in compliance. Proudly offering the industry's best safety equipment and industrial hygiene instrumentation available, our expert technicians and customer service personnel provide outstanding support and are readily available for in-house and on-site services.

Safeware's onsite consultations help identify the best equipment to fit your application; sales, leasing and rental options, installation, training and preventative maintenance programs that include diagnostics, calibration and repairs. Our onsite capability provides top quality service and quick turnaround that limits your downtime keeping you operational.



## SAFEWARE TECH SERVICE LOCATIONS

✉ [techservices@safewareinc.com](mailto:techservices@safewareinc.com)

### COLUMBIA, MD

Equipment Service,  
Repair & Rental

7079 Oakland Mills Rd.  
Columbia, MD 21046

P: 800.331.6707

L: 301.683.1234

F: 301.683.1200

### CENTRAL, VA

510 Eastpark Court  
Suite 120  
Sandston, VA 23150

P: 800.814.7898

L: 804.236.0579

F: 804.800.4490

### DENVER, CO

801 W. 116th Ave.  
Suite 400  
Westminster, CO 80234

P: 800.341.9408

L: 303.322.3577

F: 303.496.3400

### GAINESVILLE, GA

2445 Hilton Drive  
Suite 119  
Gainesville, GA 30501

P: 800.814.7898

L: 770.963.0207

F: 678.450.8698

### PHILADELPHIA, PA

1800 Byberry Road  
Suite 801  
Huntingdon Valley, PA  
19006

P: 800.331.6707

L: 215.354.1401

F: 301.683.1200

## ABOUT SAFEWARE, INC.

Safeware has helped public procurement and first responders prepare their teams with the products and solutions they need when they need it since 1979. Just like you, our company is full of people who are knowledgeable and passionate about protecting our nation. Safeware is on your team 24/7, 365 days of the year. Count on us to deliver quality brand name products at contract prices with expert advice and hassle-free service.

## WE WERE THERE

For over 40 years, we've been supplying first responders with products for public emergencies including the Oklahoma City Bombing, oil and chemical spills, 9/11 attacks on NYC and the Pentagon, biological attacks on Capitol Hill, Hurricane Katrina, SARS, Ebola, COVID-19 and more. We are proud of our legacy of providing emergency products during the most difficult periods in our nation's history.

We are protecting those who protect our country, serving America's largest cities and counties. Whether you are on the SWAT team, the rescue team, or in the Municipal Water Department, Safeware is by your side.



### SAFEWARE CORPORATE CONTACTS

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# EOD / BOMB SQUAD

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# SAFEWARE CONTRACTS

Safeware provides access to the best products and service to keep people safe in any work place. From construction and utilities to fire and law enforcement, we offer the best solutions to keep you out of harm's way. Safeware holds several contracts to assist you in securing your solutions when you need them. Easy. Fast. On-time.



## OMNIA<sup>®</sup> | Public Sector

### Public Safety & Emergency Preparedness Contracts

**Lead Agency: Fairfax County**  
**Contract Number: 4400008468**

This Fairfax County Contract, available through OMNIA Partners, has been competitively solicited and awarded using the Lead Public Agency model. By accessing this contract via an intergovernmental cooperative agreement, public agencies are able to satisfy the solicitation process and purchase their supplies and services at a reduced cost. Agencies that use this contract save time and money in the purchasing process and typically experience an average of 5% savings over traditional methods in the procurement process alone.

PRODUCTS  
**41%**  
OFF SAFEWARE  
CATALOG PRICE

ONLINE  
ORDERING  
REBATE  
OPTIONS

COMPETITIVELY  
SOLICITED  
CONTRACT

SERVICES  
**10%**  
OFF SAFEWARE  
CATALOG PRICE

QUICK & EASY  
ORDERING

DEDICATED  
KNOWLEDGEABLE  
SALES TEAM

#### MARKETS

- » Fire, HazMat and Rescue
- » Emergency Response
- » Law Enforcement
- » Government Safety
- » Homeland Security
- » K-12 & Higher Education

## Sourcewell

### Cooperative Purchasing Contract

**Contract Number: 032620-SAF**

Firefighting Personal Protective Equipment, Apparel, and Accessories, with Related Cleaning and Maintenance Equipment

*register now @ [sourcewell-mn.gov/register](https://sourcewell-mn.gov/register)*

1

#### Register

Schools, universities, nonprofits, and government agencies can quickly and easily register to participate for free. There are no fees to use our contracts, no commitment, and no obligation to purchase.

2

#### Find a Contract

Sourcewell has hundreds of awarded supplier contracts in a wide variety of industries including Public Safety. You can quickly search contracts by product type, or browse contracts by state and county.

3

#### Contact Safeware

Utilize the Public Safety contract to quickly obtain a quote, and finalize the sale with Safeware using contract number 032620-SAF and your agency's Sourcewell account number. It's that easy!



**GSA Advantage**  
Schedule: MAS  
Contract Number: GS-07F-5668P

[safewareinc.com/contracts](https://safewareinc.com/contracts)



MED-ENG®



## Protection and Capabilities That Go Beyond NIJ

### EOD® 10 SUIT AND HELMET

The EOD 10, now being offered in the EOD 10E model revision, is trusted in over 50 countries worldwide. This sophisticated Bomb Suit offers an optimal balance between protection, weight, fit and capabilities:

- » 'Certified' to the Bomb Suit NIJ Standard 0117.01 , and exceeds the standard in several aspects
- » More ergonomic design to reduce weight and increase mobility and flexibility
- » Completely new EOD helmet to increase protection and improve fit
- » Integrated voice command system to keep the user's hands free to carry or deploy tools
- » Extensive V50 testing against fragments of 17-gr, 44-gr and 207-gr as per NIJ 0117.01
- » Mission-specific lighting to give the user the best option for their operational environment
- » Enhanced ventilation to mitigate heat stress and keep the user feeling refreshed
- » Spine protector impact testing as per NIJ 0117.01 for bomb suits
- » Improved foot protection system for a customized fit and natural walking motion
- » Shielded electronics for compatibility with Electronic Countermeasures (ECM) when dealing with a Radio Controlled IED (RCIED)
- » Enhanced situational awareness, including static and dynamic field of view, as per NIJ 0117.01
- » Improved fit and new materials enable bomb disposal technicians and military EOD operators to operate more freely in difficult locations for longer periods of time
- » A complete ensemble consists of a Bomb Suit, Helmet, Battery Option and Foot Protection
- » To power the ventilation system and all other electronics, a Battery option is required

EOD 10 Suit.....Call for part numbers

EOD 10 Helmet.....Call for part numbers

**EOD 10 Spare Parts:** Med-Eng offers 1st level (field/user repairable) Spare Parts so users can replace lost or damaged components in the field. This reduces 'down time', keeps a unit operational and reduces administrative costs.



# PROTECTIVE EQUIPMENT : BOMB SUITS

## EOD® 9N SUIT AND HELMET

- » Excellent protection from blast overpressure, fragmentation, impact (acceleration and deceleration) and heat/flame
- » A Chemical Protective Undergarment (CPU) can be worn under the Med-Eng EOD 9N bomb suit to provide a level of chemical/biological (CBRN) blast protection
- » Remote Control Unit for finger tip control of EOD 9A and EOD 9 Helmet functions
- » Optional Med-Eng BCS 4 Body Cooling System provides personal cooling to mitigate risk of heat stress
- » Groin plate retracts for easier kneeling
- » Integrated carrying pouch to hold the optional BaquaPak for hydration
- » Available in olive drab (standard colour), navy blue or desert tan, each with black webbing trim
- » Ergonomic design
- » EOD 9N Spare Parts – Med-Eng offers 1st level (field/user repairable) Spare Parts so users can replace lost or damaged components in the field. This reduces 'down time', keeps a unit operational and reduces administrative costs

EOD 9N Suit .....Call for part numbers



## EOD® 9A HELMET

The EOD 9A Helmet is the world's first EMC Class A Helmet for EOD/IEDD operations. It enables bomb disposal technicians to work with IEDD equipment in an increasingly harsh ECM RF environment and to deal successfully with RCIED threats.



EOD 9A Helmet .....Call for part numbers

## BCS-4 BODY COOLING SYSTEM

The Med-Eng BCS 4 is the preferred personal body cooling system of Bomb Disposal Technicians and EOD Operators worldwide.

- » Keeps the user feeling refreshed and focused on the mission
- » Reduces the effects of heat stress for Bomb Disposal Technicians
- » Autonomous, leg-mounted portable chiller system integrates seamlessly with the Med-Eng EOD 10 bomb suit as well as the EOD 9 bomb disposal suit
- » Includes a vest with a full zipper in the front that connects to the leg-mounted chiller to form a complete liquid circulating system
- » Circulates chilled water over the torso to remove heat from the body
- » Includes an adapter to mount the chiller onto the EOD 10 MOLLE webbing
- » Includes carry bag and battery recharger
- » Please specify power requirements (110V or 220V) at time of order
- » Also available in a 3 piece Suit configuration (Balaclava, Long Sleeve Shirt, Trousers)

BCS-4 Body Cooling System - Vest .....Call for part numbers





## TAC 6E SUIT - LIGHTWEIGHT BLAST PROTECTION

The TAC 6E is a highly versatile and lightweight blast protection suit for Military EOD Operators and Bomb Technicians supporting SWAT teams/bomb squads.

### Police & Law Enforcement Applications:

- » EOD / SWAT Integration
- » Search
- » K9 / Dog Handlers
- » Suicide Bomber Situations

### Proven performance:

Subjected to rigorous and documented blast and ballistic testing

- » It protects against blast and fragmentation in "non-permissive" environments where it is not possible or practical to wear a full scale, heavy bomb suit.
- » TAC 6E is based on a set of modular components that can be added or removed to meet specific operational and protective requirements.
- » Components cover the Chest, Shoulders, Upper and Lower Arms, Groin, Upper and Lower Legs.
- » Integrates with Tactical and Combat helmets and the Med-Eng TAC and ARC Visor Systems.
- » Protection from blast overpressure, fragmentation, impact (acceleration and deceleration) and heat/flame
- » High mobility and lightweight ergonomic design lets users run, walk, climb, bend, lift and reach more easily
- » Users can add or remove modular protective components as needed
- » TAC 6E suits manufactured at Med-Eng facilities in Pembroke, Ontario, Canada are CE Certified

TAC 6E Suit ..... Call for part numbers

## TAC VESTS

Med-Eng Tactical Visors fit easily to combat/tactical helmets to provide full The Med-Eng TAC Vest is intended for purchase and designed to be worn under the TAC 6E.

TAC Visor Series ..... Call for part numbers



## TAC VISOR SERIES

Med-Eng Tactical Visors fit easily to combat/tactical helmets to provide full facial protection against fragmentation.

The four visors – TAC 550, TAC 450, TAC 250 and TAC 250 BA – are named for their protective capabilities.

- » TAC 550 offers fragmentation protection of up to 550 m/s
- » TAC 450 offers 450 m/s
- » TAC 250 and TAC 250 BA offer 250 m/s.
- » The TAC 250 BA Visor is for use with a Breathing Apparatus

Mounts to PASGT and ACH-style combat or tactical helmets easily, quickly and without any tools.



TAC Visor Series .....Call for part numbers

## ARC VISOR SERIES

Med-Eng ARC Rail Visors provide full facial protection against fragmentation.

The four visors – ARC 250, ARC 450, ARC 550 and ARC 250 BA – are named for their protective capabilities.

- » ARC 550 offers fragmentation protection of up to 550 m/s
- » ARC 450 offers 450 m/s
- » ARC 250 and ARC 250 BA offer 250 m/s.
- » The ARC 250 BA Visor is for use with a Breathing Apparatus

The ARC Visors mount to the ARC Rails on Combat and Tactical helmets easily, quickly and without any tools. An excellent solution for enhancing facial protection to a user's existing helmet inventory.



ARC Visor Series .....Call for part numbers



# PROTECTIVE EQUIPMENT : CHEMICAL SUITS



## MULTI-THREAT ENSEMBLE

- » NFPA 1994 Class 1 (2018 ed.) certification
- » NFPA 1994 Class 2 (2018 ed.) certification
- » NFPA 1992 (2018 ed.) certification
- » Form-fitting design for superior mobility and confined space operations
- » NOMEX® IIIA laminate fabrics for limited FR protection
- » Approved for use with tactical-style boots
- » Tactical gloves for superior dexterity
- » One piece design with integrated CBRN booties and gloves
- » Rubber to rubber SCBA mask interface eliminates the need for chemical tape
- » Evaporative cooling capability allows for extended response times
- » Rugged GORE® CHEMPAK® Ultra-barrier fabric and extra strength seams for safer operations in demanding CBRN environments
- » Reusable – Can be laundered multiple times if no gross contamination

Multi-Threat Ensemble ..... BLR HZ9420FVG



## XRT ENSEMBLE

- » NFPA 1994 Class 3 (2018 ed.) certification
- » NFPA 1994 Class 4 (2018 ed.) certification
- » Lightweight and form-fitting for excellent mobility
- » Breathable barrier fabric allows heat and sweat vapor to dissipate away from the body for greater comfort and extended wear time
- » Front-entry design allows for self-donning
- » Integrated glove system and booties eliminate the need for chemical tape
- » Approved for use with tactical-style boots
- » Rugged GORE® CHEMPAK® Selectively-Permeable fabric and extra-strength seams allow for safer operations in demanding tactical and perimeter control situations
- » Machine washable for multiple uses if not grossly contaminated

XRT Ensemble ..... BLR WZ9435AB



## RC3® ENSEMBLE

- » NFPA 1994 Class 3R (2018 ed.) certification
- » NFPA 1994 Class 4R (2018 ed.) certification
- » NFPA 1992 (2018 ed.) certification
- » Breathable GORE CHEMPAK fabric
- » Streamlined pattern provides a more tactical fit on the user and better equipment integration
- » Ten year shelf life
- » Machine washable for multiple uses if not grossly contaminated
- » Durable fabric and seams prevent accidental contamination and provide user confidence
- » Integrated knee and elbow pads
- » Available with 2 glove system options: Airboss AMG or Gore G9492 with NOMEX overglove

RC3® Ensemble ..... BLR RWZ9435VG

## ST54™ - ENHANCED MULTI-MISSION TACTICAL OPERATOR SCBA

Avon's state-of-the-art ST54™ Tactical Operator SCBA has been developed specifically for the tactical officer and technician applications where the operator needs to respond to ever changing operational conditions.

The ST54™ SCBA is the base to a multi-mission Respiratory Protection System which provides for operational flexibility to the operator and mission commanders in the field to tailor the PPE response based on the available intelligence. Depending on the threat or operational situation at the scene of an incident, the ST54 SCBA can be configured to provide the appropriate protection.

- » Hand Compact Demand Valve
  - » 1st breath activated for "instant on"
  - » Rugged, compact design delivers high flow rates
- » Gauge and Whistle
  - » Integrated assembly; easy access
  - » Illuminated gauge for low-light situations
- » Backframe
  - » Twin carrying and single drag handle for easy of mobility
  - » Ergonomically contoured for comfort- properly balances weight
  - » Lightweight for reduced fatigue
  - » Quick Disconnect buckles



ST54 SCBA, 4500 psi ..... AVO ST54 SCBA

## FM54 AIR PURIFYING RESPIRATOR ASSEMBLY

The Avon fire hardened FM54 Air Purifying Respirator provides Specialist Operators maximum level of protection to the face, eyes and respiratory tract from Chemical, Biological, Radiological and Nuclear (CBRN), Riot Agents, Toxic Industrial Chemicals (TICS) and Toxic Industrial Materials while maintaining extreme user flexibility as mission profiles change. The FM54 functions in both negative and positive pressure modes (APR, SCBA, CCBA and PAPR).



FM54 Twin Port Kit, Medium ..... AVO 65-025600  
 FM54 Twin Port Kit, Large ..... AVO 65-025700  
 FM54 First Responder Kit, Small ..... AVO 72850-14-PPDKIT

## MP-PAPR™ MULTI-MISSION AIR PURIFYING RESPIRATOR

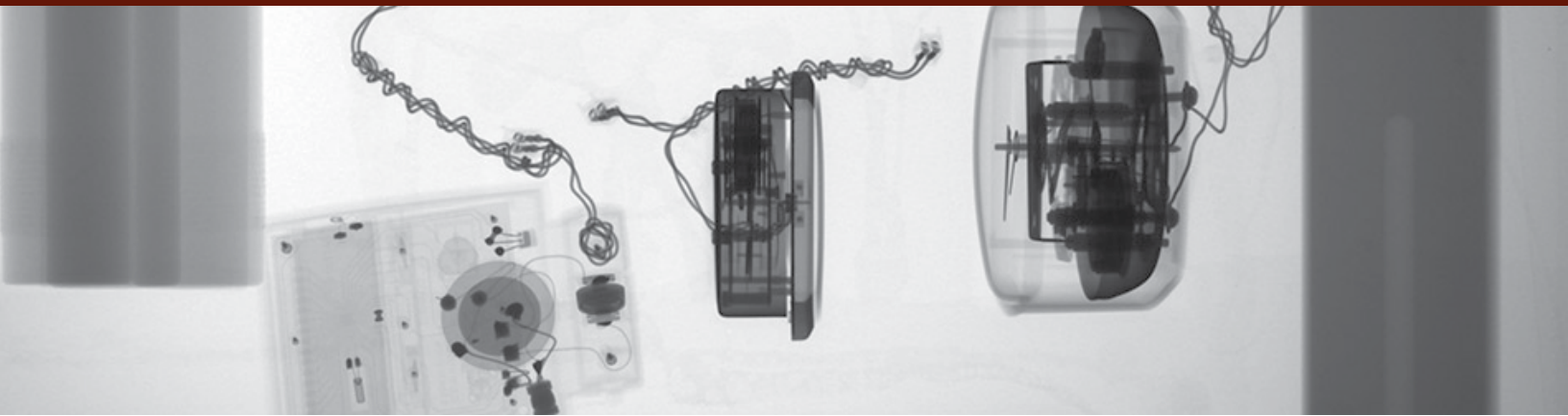
**LOWEST PROFILE, MOST COMFORTABLE POWERED AIR PURIFYING RESPIRATOR (PAPR)**

Avon Protection introduces a new generation of CBRN Powered Air Purifying Respirator, the Avon MP-PAPR™ system.

A departure from traditional rigid plastic construction systems, the Avon MP-PAPR is the world's first flexible PAPR unit, constructed from the same field proven Chlorobutyl rubber, as used for the Avon 50 series masks range.



AVON SF, MP-PAPR Kit, STD ..... AVO 605394  
 MP-PAPR Kit, Fire Resistant (FR) Fabric, B ..... AVO 605395



- » IP67
- » 3 mm Bottom Border
- » High Resolution and Sensitivity, 140  $\mu$ m Pixel Size, 3.5 lp/mm
- » Glass-Free

## STENÓS - 14" X 17" DR IMAGING SYSTEM

Logos Imaging's STENÓS is our lightest, and most rugged large format DR imaging system. We were the first to introduce a glass-free DR imager to the security market with the 6"x8" PRÓ-TOS, we followed with the 12"x12" XIRÓS, and now the 14"x17" STENÓS with the 3543N panel further continues Logos Imaging's commitment to the leading edge of DR imaging design.

The panel also offers the advantages of built in wireless communications and a removable battery that provides six hours of operation for situations where ultra-portability and up to 400 m wireless communications are desirable.

STENÓS - 14x17 DR Imaging System..... Call for part numbers

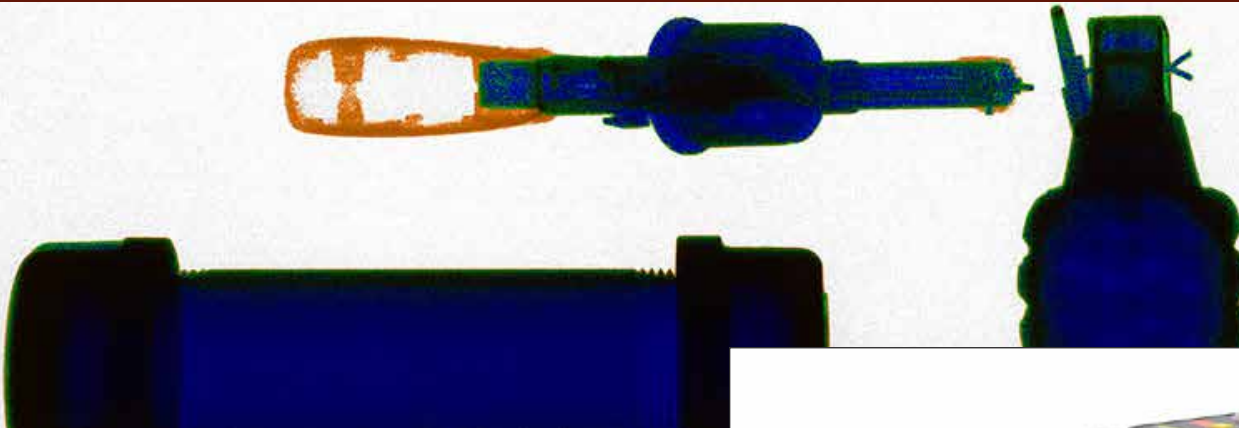
## XIRÓS - 12" X 12" DR IMAGING SYSTEM

Logos Imaging's XIRÓS is our newest, and most rugged small format DR imaging system. We were the first to introduce a glass-free DR imager to the security market with the PRÓTOS, and the XIRÓS system with the 2929N panel continues Logos Imaging's commitment to the leading edge of DR imaging design.

The system also offers the advantages of built in wireless communications and a removable battery that provides eight hours of operation for situations where ultra-portability and up to 400 m wireless communications are desirable.

XIRÓS - 12x12 DR Imaging System..... Call for part numbers





## CHRÓMA II DUAL ENERGY MODULE

Logos Imaging's CHRÓMA II is a material discrimination (organic detection) module that allows users to identify different material types at the touch of a button. This module is fully compatible with all Logos Imaging DR systems in conjunction with the Golden Engineering XR150, XR200, or XRS3.

CHRÓMA II Dual Energy Module ..... Call for part numbers



## MAKRINÓS II WIRELESS X-RAY TRIGGER

The MAKRINÓS II Wireless X-ray Trigger connects to any Golden Engineering X-ray machine with a 5-pin LEMO connector to allow full wireless X-ray control from the CHEIRÓS Transmitter. The module receives power directly from the Golden machine and does not require batteries of its own.

MAKRINÓS II Wireless X-Ray Trigger ..... Call for part numbers

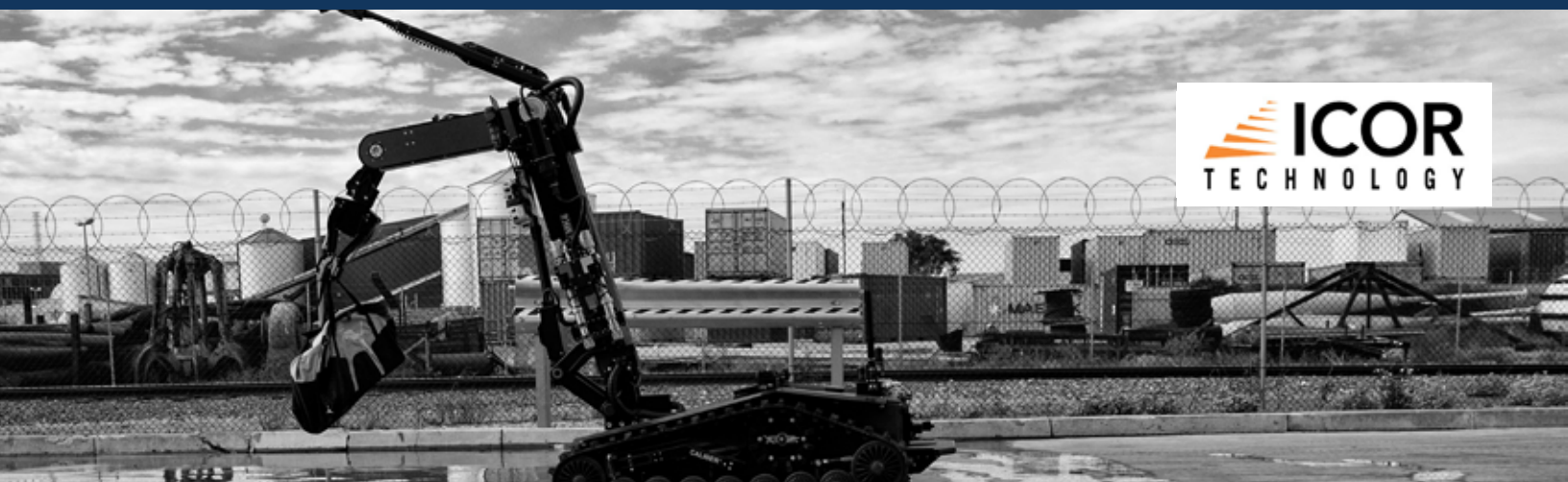


## MIKRÓS INTERFACE

The MIKRÓS is our newest interface that gives integrated control of the DR system through wired or wireless communication. The interface mounts directly to Golden sources enabling settings changes and monitoring of all connected components through the software onto a tablet or PC.

MIKRÓS Interface ..... Call for part numbers





## CALIBER® FLEX

The Smartest robot in the CALIBER® family, the CALIBER FLEX offers a lift capacity of 50 lbs (23 kg). Its Command & Control Unit provides automatic pre-set positioning to facilitate rapid deployment; and a 3D avatar that offers real-time positional feedback on the actual position of the robot. The Robot also comes equipped with

- » Flexible and Precision Controls
- » IP Mesh Radios
- » New and improved lasers with integrated LIDAR distance sensor
- » 2 speed PTZ Camera and arm control
- » Simultaneous controls

ICOR Caliber Flex Robot ..... ICO CAL-FLEX

## CALIBER® MK4

The largest robot in the CALIBER® family, the CALIBER MK4 offers unprecedented towing and dragging capabilities coupled with speed, agility and dexterity—all at an affordable cost.

The MK4 is the most powerful of all CALIBER robots, with a lift capacity of 200 lbs (90 kg). Its Command & Control Unit provides automatic pre-set positioning to facilitate rapid deployment; and a 3D avatar that offers real-time positional feedback on the actual position of the robot.

Based on recommendations by bomb technicians, the robot's modular design allows for reduced maintenance costs through easy platform upgrades, field repair, and parts replacement.

- » Command Control Unit (CCU) with two 15" (38 cm) daylight readable touch screens
- » 3D avatar with real-time positional feedback and auto-stow and arm-ready presets
- » Multi-function control, variable speed joystick

ICOR Caliber MK4 Robot ..... ICO CAL-MK4



MINI-CALIBER®

Lightweight, modular and one-man portable, the Mini-CALIBER® SWAT and EOD Robot is tested and recommended by the National Tactical Officers Association (NTOA).

Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. With rubber tracks and articulating front and rear flippers, the Mini-CALIBER effortlessly climbs stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.

- » Command and Control Unit (CCU) with multi-function control and variable-speed joystick
- » Data and video radio frequency (RF) wireless systems
- » Lifts up to 15 lbs (6.8 kg)
- » Vertical reach up to 66" (168 cm) and horizontal reach up to 52" (132 cm)
- » 360° rotating robotic claw with wide-angle camera
- » Single-mounting bracket for recoilless disruptor and one isolated circuit



ICOR Min-Caliber One Man Portable Robot..... ICOR CAL-MINI



STEALTH MODEL M100 - UNDER VEHICLE MIRROR

The Stealth Model M1000 is ideal for under-vehicle searches.

Durable, lightweight and easy to use, ICOR's Stealth Search Mirrors are used worldwide by EOD technicians, tactical operators, law enforcement agencies, security guards, and facility inspectors.

Each mirror is designed with an ergonomic foam grip handle and forearm rest, allowing for precise, optimized control.

M100 Under Vehicle Search Mirror..... ICOR M100



STEALTH MODEL PSM - POCKET SEARCH MIRROR

The Pocket Search Mirror (PSM) can be used in situations where space is limited, and/or for detailed inspection of automobiles.

Durable, lightweight and easy to use, ICOR's Stealth Search Mirrors are used worldwide by EOD technicians, tactical operators, law enforcement agencies, security guards, and facility inspectors. Each mirror is designed with an ergonomic foam grip handle and forearm rest, allowing for precise, optimized control.

PSM Pocket Search Mirror.....ICOR PSM



## ICOR HOOK & LINE EQUIPMENT KIT



ICOR's hook and line rigging systems provide bomb technicians with semi-remote handling capabilities, allowing them to attach, anchor, redirect, reach and maneuver suspect EOD/IEDD devices.

Currently available in two versions:

- » Essential: Single-line basic rigging kit with all necessary components for semi-remote handling capabilities for bomb technicians.
- » Ultimate: Two-line advanced rigging kit with all features of the Essential, and more.

ICOR Essential Hook & Line Kit .....	IC0 ESHL01
ICOR Ultimate Hook & Line Kit .....	IC0 ULHL02

## HAL® GENERAL SERVICE KIT



The HAL GS Kit is a comprehensive rigging kit for maximum tactical versatility. Combines multiple access and disposal capabilities in a single highly effective kit. A complete 2-line rigging kit for EOD/IEDD tasks and scenarios

- » Over 100 Components.
- » Over 30 different component types
- » Two color coded high strength low stretch Kevlar core lines
- » High strength heat-treated hooks
- » Telescopic pole (3M/10ft)
- » Self-opening snatch block pulley
- » Adjustable double suction anchor
- » Available in soft case, rigid case or disposable cardboard
- » Lifetime limited warranty

HAL General Service Kit ..... Call for Part Numbers

## HAL<sup>®</sup> TACTICAL KIT



Modular, lightweight and compact design for Tactical and dismounted EOD/  
IEDD Operations.

The HAL Tactical includes a Core Kit that has 3 modules:

- » Line Module
- » Basic Clamp & Manipulation Module
- » Anchor Module

HAL Tactical Kit..... Call for Part Numbers

## 2ND LINE EOD TOOL KIT

The 2nd Line EOD Tool Kit is customized to equip EOD and Bomb Technicians with the tools necessary to execute render safe procedures. The modular design of the 2nd Line Kit allows operators to customize the configuration based on each scenario. Our 2nd Line comes complete with six individually populated tool kits: 1st Line, Immediate Action Pouch, RIP Kit, Detonator Diagnostic Kit, Manual Access Kit, and Bit Kit. All six tool kits fit into the Mystery Ranch RATS Pack or the Mystery Ranch NICE Crewcab to complete the modular design.

- » Mystery Ranch RATS Pack or Mystery Ranch NICE Crewcab
- » 1st Line EOD Tool Kit
- » Immediate Action Pouch (IAP)
- » Remote In-extremis Pull Line Kit (RIP Kit)
- » DET Diagnostic Kit (DDK)
- » Manual Access Kit (MAK)
- » Bit Kit
- » Pelican Case 1620

2nd Line EOD Kit, Black.....TAC 2ND LINE EOD KIT BLK

2nd Line EOD Kit, Coyote ..... TAC 2ND LINE EOD KIT COY



TACTICAL ELECTRONICS



## HOOK AND LINE KIT

The lightweight and compact Hook and Line Kit gives EOD operators the tools necessary for dismounted IED render-safe procedures. The nylon kit weighs 3 pounds and is small enough to fit into a cargo pocket, backpack or strap to a vest with the molle straps. The 10.5 foot telescoping pole weighs only 2.4 pounds and is made of carbon fiber. The pole is also housed in a nylon case that can easily be strapped to a backpack via molle. Originally designed by Air Force EOD, this kit is ideal for all EOD operators, Bomb Technicians and Special Operations teams. This kit compliments our 2nd Line EOD kit and can easily be added to the larger 2nd line pack.

Hook and Line Kit ..... TAC HAL KIT





## MULTIRAE PRO - MULTI-THREAT DETECTOR

This industry-leading wireless device monitors both chemical threats and gamma radiation and is the only multi-threat monitor with parts per billion precision. With the ability to wirelessly transmit threat and alarm data in real time to a central command station, the MultiRAE Pro offers improved visibility and awareness. It also gives you the flexibility to swap out 25 different sensors for a range of threats, including VOCs, toxic gases, combustibles, oxygen levels, as well as gamma radiation detection. The large display and replaceable sensors, pump, and battery make it easy to use and maintain, while five different alarms, including man down, provide the versatility you need to respond appropriately and quickly to incidents.

- » Parts per billion VOC measurement
- » Industry-leading wireless multi-threat device
- » Simultaneous monitoring of chemical threats and gamma radiation
- » Real-time data access from central command
- » More than 25 different chemical sensors
- » Swappable sensors
- » Man down alarm
- » Simple maintenance with replaceable sensors, pump, and battery
- » Fully automatic bump testing and calibration with AutoRAE 2
- » 5-way local and remote wireless alarm
- » Mil-STD-810G certified
- » Device Management with Honeywell Sotera™ Express

MultiRAE Pro, LEL, CO+H <sub>2</sub> S, O <sub>2</sub> , Gamma .....	RAE MCB3-A3C1REZ-420
MultiRAE PRO, LEL/O <sub>2</sub> /H <sub>2</sub> S/CO, 10.6eV .....	RAE MCB3-A3C1RE0-020
MultiRAE Pro, LEL, CO, O <sub>2</sub> , Gamma .....	RAE MCB3-A3C12EZ-420
MultiRAE Pro, 10.6eV ppb PID / LEL / CO + H <sub>2</sub> S / O <sub>2</sub> .....	RAE MCB3-A3C1RE0-42B

## AREARAE PLUS - TRANSPORTABLE AREA MONITOR

The AreaRAE Plus provides superior detection of toxic and combustible gases, VOCs and wind speed, direction and humidity—all in one easy-to-configure device. Plus, you'll have vital details about threats happening in real-time—arming you with the information you need to act quickly.

- » Monitors up to seven threats, including VOCs, combustibles, Toxics and Oxygen
- » Optional meteorological sensor for tracking toxic plumes
- » 7R+ photoionization detector (PID) for monitoring VOCs at parts per million
- » Secondary radio module (Mesh) act as an communication Hub for other wireless devices
- » Ruggedized, portable, and weather-resistant design for harsh environments
- » Part of ConneXt Safety Solutions with ISM and Wi-Fi wireless configurations

AreaRAE Plus Detection, PID, LEL, O <sub>2</sub> .....	RAE W01B-111102-7569FH-0001
AreaRAE Plus RDK w/ PID, LEL, O <sub>2</sub> , CO, SO <sub>2</sub> , NO <sub>2</sub> .....	RAE W01K-110102-569CER-0001



## GEMINI™ ANALYZER

The Gemini Analyzer is the first and only integrated Raman and FTIR handheld instrument in the world, providing complementary and confirmatory testing in a single, field-portable device. Identify a broad range of unknown chemicals and explosives in the field quickly, safely, and confidently using FTIR and Raman spectroscopy in a single instrument. The Thermo Scientific™ Gemini™ Analyzer is the first to integrate these complementary and confirmatory chemical identification techniques in a rugged, lightweight, handheld solution. Available with the HazMasterG3™ decision support system from Alluvium LLC, Gemini gives military personnel, bomb technicians, hazmat teams and first responders significant tactical advantage, helping them minimize time on target and confidently make life-saving decisions.

- » Lightweight and compact
- » Leverages both Raman and FTIR technology
- » Identifies unknown solids and liquids, from explosives and chemical warfare agents to industrial chemicals and precursors using a comprehensive onboard library.
- » Includes a motorized anvil which adjusts sample pressure based on user settings.

Gemini Analyzer ..... Call for Part Numbers

## FIRSTDEFENDER™ RM CHEMICAL IDENTIFICATION SYSTEM

As chemical identification becomes more complex, the need for non-contact, non-destructive analysis is greater than ever. The Thermo Scientific™ FirstDefender™ RM Chemical Identification System enables hazmat, law enforcement, military and other first responders to obtain accurate identification of chemicals, explosives and hazardous materials in seconds, even through sealed translucent containers. The FirstDefender RM handheld analyzer includes a large, vivid display for ease of use in bulky protective gear and can be easily transported into a hazard zone.

## FIRSTDEFENDER™ RMX CHEMICAL IDENTIFICATION SYSTEM

Military and civilian first responders need to quickly identify unknown solid and liquid chemicals down range including explosives, toxic industrial chemicals, chemical weapons, narcotics, precursors, white powders and more. The Thermo Scientific™ FirstDefender™ RMX Handheld Chemical Identification Analyzer can be used as a handheld instrument or integrated onto a tactical robot, providing more flexibility and increased safety in incident response situations that call for rapid, accurate chemical identification.

- » Quickly identifies unknown solid and liquid chemicals.
- » MIL-STD-810G and IP67 tested and certified.
- » Sophisticated algorithms automatically determine presence of mixed and contaminated chemicals.

First Defender RM ..... AHU 800-00171-01

First Defender RMX ..... AHU 800-00211-01

**ThermoFisher**  
SCIENTIFIC





## FIDO X4 - PREMIUM HANDHELD EXPLOSIVES TRACE DETECTOR

The Fido X4 is a premium handheld explosives trace detector (ETD) that delivers unmatched sensitivity for a broad range of explosives, so you can easily detect threats at levels others can't. Next generation FLIR TrueTrace® detection technology features a new five-channel sensor array that delivers expanded threat coverage, enhanced sensitivity, and identification in a wide range of environmental conditions. The simplified user interface features onboard video tutorials, user prompts, and color-coded alarms with strength indicators so you can operate quickly and decisively.

FLIR FIDO X4..... Call for Part Numbers



## FIDO X3 - RUGGED, HANDHELD EXPLOSIVES TRACE DETECTOR

The FLIR Fido X3 explosives trace detector (ETD) expedites on-site decision making with ten-second threat reporting via intuitive, go/no-go alarms. Its rugged magnesium case and splash-proof seal meet rigorous MIL-STD-810G and IP54 specifications. Fido X3 starts from cold in five minutes, contains a long-lasting, eight-hour battery, and clears down in seconds. With thousands of units fielded in over 40 countries, Fido X3 is a trusted handheld explosives trace detector for critical security applications.

FLIR FIDO X3 Basic Kit..... FLI FN-08-A



## FIDO X2 - ULTRA-PORTABLE EXPLOSIVES TRACE DETECTOR

At less than 1.5 pounds and featuring a durable, ergonomic design, the FLIR Fido X2 explosives trace detector (ETD) offers maximum portability. It features FLIR's proprietary TrueTrace® technology to detect a broad range of chemicals used in the manufacture of homemade, commercial, and military explosives with best-in-class sensitivity. On-screen prompts guide security officers quickly through operation, so they can confidently clear vehicles and personal belongings passing through a security checkpoint.

FLIR FIDO X2 Starter Kit..... FLI FN-50-E-AE



## GRIFFIN G510 - PERSON-PORTABLE GC-MS

The portable FLIR Griffin™ G510 GC/MS (gas chromatograph mass spectrometer) helps responders identify chemicals in the field within minutes. This includes trace-level detection of narcotics like Fentanyl and its analogues, opioids, amphetamines, and other drugs-of-abuse, CWAs (including being validated for A-series or Novichok agents), explosives, TICs, environmental pollutants, and other chemicals of interest. The Griffin G510 GC/MS is a confirmatory decision support tool that helps guide response professionals in determining the appropriate next steps.

FLIR Griffin G510 Essentials Kit ..... FLI 103-032-0001



## IDENTIFINDER R440 - HIGHLY SENSITIVE, SOURCELESS HANDHELD RID

The FLIR identiFINDER R440 is a lightweight, source-less radionuclide identification device (RID) that delivers sensitive detection and fast results for routine survey or secondary screening response missions. The R440 is available with NaI(L, NaI, LaBr and CLLBC detector options to respond to radiological threats from farther away, behind heavier shielding, and with better resolution than similarly-sized RIDs. The extended energy range provides neutron indication in the NaI(G) version. Its light weight makes single-handed operation easy during extended operations, while the IP67-rated enclosure is built to survive. The bold, easy-to-read interface with 360° EasyFinder™ mode expedites decision-making to keep personnel and the community safe. Hot swappable batteries facilitate continuous operation on extended missions and the ability to charge batteries outside on the instrument while the instrument is on standby ensures instant readiness in the response vehicle.

FLIR identiFinder R440-GN Standard Kit ..... FLI R440-GN



## IDENTIFINDER R200 - SPECTROSCOPIC PERSONAL RADIATION DETECTOR

FLIR identiFINDER R200 instruments are rugged, pager-sized Spectroscopic Personal Radiation Detectors (SPRD). They provide full ANSI N42.32 Personal Radiation Detector (PRD) compliance and feature next-generation solid state detector read-out technology that delivers ANSI N42.48 SPRD compliance with nuclide identification. The R200-G detects and identifies gamma radiation and the R200-GN additionally provides neutron detection capability. Law enforcement agencies and first responders use the R200 during routine traffic stops or high visibility events and in mass transit or critical infrastructure entry control points. The OneTouch Reachback™ feature uses the latest advancements in Bluetooth® and web server technologies to provide large-scale situational awareness by alerting others before arriving on-scene.

FLIR identiFinder R200 ..... FLI R200



## MUVE C360 - INTEGRATED MULTI-GAS DETECTOR FOR UNMANNED AERIAL SYSTEM

The FLIR MUVE™C360 is a multi-gas detector completely integrated with an unmanned aerial system (UAS) to provide real-time continuous monitoring of chemical hazards while on the move. The sensor block boasts 8-channels, which includes a photoionization detector (PID), Lower Explosive Limit (LEL) detector, and six other sensors. The integrated snorkel is designed to negate the effects of rotor wash, extending past the propellers to sample the unperturbed air. The MUVE C360 sensor block quickly latches to a proprietary integration dock mounted to the UAS. The FLIR calibration station features the same dock, so the operator can easily connect for routine sensor verification. Sensor readouts are prioritized based on alarm conditions and are displayed real-time on the pilot's interface in the FLIR VueLink™ app. The MUVE C360 is a time-saving, game-changer for emergency responders, industrial safety officers, and environmental monitoring experts.

FLIR MUVE 360 & Calibration Station Assurance ..... FLR MC-01-KIT





Actual Size: 67 millimeters / 2.625 inches



Actual Size: 111 millimeters / 4.375 inches



The SEEKERe from DetectaChem represents the cutting edge in portable detection. The SEEKERe has been designed with features specifically requested by end users in the US DOD and government agencies around the world.

One handed operation, a protective rubber boot, and a sealed, water-resistant enclosure make this the ultimate ruggedized battle-ready detector. Industry-leading automated colorimetrics provide accurate detection capability with complete detection screening from a single test.

## SEEKERe EDK - EXPLOSIVES DETECTION KIT

- » Portable Explosive Detection
- » Easy To Use Digital Diagnostic Capability
- » Non-Visible Detection & Bulk Detection
- » Intelligent Self-Monitoring
- » Rugged & Water Resistant
- » Very Low Maintenance, No Downtime
- » No Radiation Source, No Bake Out
- » Multiple Languages

SEEKERe EDK - Explosives Detection Kit ..... DET SEEKERe EDK

## SEEKERe MDK - EXPLOSIVES AND NARCOTICS DETECTION KIT

- » Explosive Detection That Is Truly Portable
- » Easy To Use Digital Diagnostic Capability
- » Non-Visible Detection & Bulk Detection
- » Intelligent Self-Monitoring
- » Explosive & Drug Detection
- » Rugged & Water Resistant
- » Very Low Maintenance, No Downtime
- » No Radiation Source, No Bake Out
- » Multiple Languages

SEEKERe MDK - Explosives and Narcotics Detection Kit ..... DET SEEKERe MDK

## SEEKERe DDK - DRUG AND NARCOTICS DETECTION KIT

(not shown)

- » Portable Drug and Narcotic Detection
- » Easy To Use Digital Diagnostic Capability
- » Non-Visible Detection & Bulk Detection
- » Intelligent Self-Monitoring
- » Rugged & Water Resistant
- » Very Low Maintenance, No Downtime
- » No Radiation Source, No Bake Out
- » Multiple Languages

SEEKERe DDK - Drug and Narcotics Detection Kit ..... DET SEEKERe DDK



## GENERAL EXPLOSIVE TEST CARD

The General Explosives Detection Card is an industry leading, single test card that can detect the presence of a wide range of explosives from military grade to commercial and homemade explosives (HMEs). The General Explosive Test Card offers the full range of detection including Nitroaromatics (such as TNT), Nitramines and Nitrate Esters (such as C4 or smokeless powder), Inorganic Nitrates (such as Ammonium Nitrate), Chlorates (such as Potassium Chlorate), and Peroxides (such as TATP).

General Explosives Test Card ..... DET EXP



## HOME-MADE EXPLOSIVES DETECTION CARD

The HME Detection Card is designed to detect the presence of homemade explosive compounds. HMEs are made using widely distributed materials such as fertilizer and gasoline. Since they are manufactured with off-the-shelf materials, HME's are the predominate explosives used in terrorist attacks.

This card offers increased sensitivity for Inorganic Nitrates, Chlorates, and Peroxides. Detected explosives include TATP, one of the most prevalent explosive used in recent attacks. Along with KNO3 found in many black powders, IED's, and fireworks.

General Explosives Test Card ..... DET HME





## CHEMPRO X - HANDHELD CHEMICAL DETECTOR

ChemProX is a contemporary chemical detector, providing a simple, smooth and effective experience, enabling any team to detect and classify CWA's and TIC's. ChemProX belongs to a new generation of chemical detectors, enabling full situational-awareness during field operations. Developed together with First Response professionals and based on a 30-year experience, ChemProX is a device of its time, with an intuitive User Interface. Operators are not alone in the field, therefore shared real-time location and detection information between the team members and the Command Centre can be crucial for a successful result.

- » Wide range of detectable chemicals (CWA/TIC)
- » Wireless network connectivity
- » Built-in GPS and group location
- » Simulation training mode
- » Chemical database and instructions
- » Optimized usability
- » Lowest maintenance costs in its class

ChemPro X, Chemical Detector ..... Call for Part Numbers



## ACCURAD PRD

Meet the Mirion AccuRad™ PRD: everything you need from a personal radiation device. We know, because we asked; the AccuRad PRD was developed in collaboration with emergency responders and law enforcement officers, so you can better protect your people and the public from the dangers of radiation, wherever the mission takes you.

The AccuRad PRD is compact with big, easy-to-press buttons for performing one-handed measurements, even when wearing gloves. The device design includes five buttons, two LED indicators, two display screens — one large front display and a bonus display seen when worn — and a USB-C port for connecting external headphones, in addition to a tough, built-in belt clip for affixing securely to a belt or pocket.

- » Exceptional Radiological Performance
- » NFC & BLE Data Transmission
- » >900 Hour Continuous Operation

AccuRad PRD ..... MIR ACCURAD



## MIRA DS

As a law enforcement, hazmat, or military professional, identifying whether a substance you're dealing with is dangerous can make all the difference.

To help you stay safe, we have developed the new Mira DS. This instrument allows you to identify substances in the field, quickly and safely, e.g.:

- » Explosives
- » Illicit substances

Mira DS can identify thousands of substances and mixtures. The analyzer takes the molecular fingerprint of the substance and matches it with stored profiles on the device. The instrument provides you reliable identification of the substance or mixture you have in front of you quickly.



Mira DS Advanced Package ..... MET 29260020

## KROMEK D3S ID

A wearable RIID that gives you the power to make the right decisions about nuclear threats in seconds. A powerful combination of two of Kro-mek's leading technologies: the non-3He compact thermal neutron detector and its world leading gamma detector, delivering the performance of a RIID in a small, but powerful device, the size of a PRD.

- » One of the fastest and most accurate isotope ID devices on the market
- » Discreet, wearable, lightweight
- » Rapid, visible, audible and tactile alarm settings
- » Identifies 17 extra isotopes, 4X faster
- » Extensively tested and characterised in multi-ple DNDO and DARPA programs



Kromek D3S ID, Belt Wearable RIID ..... KRO D3S-ID



## Explosive Detection and Identification Kits

Mistral Security, Inc.'s Explosive Detection and Identification products are world leaders in presumptive field tests for explosive substances or trace residues. The kits detect 99% of the explosives on the FBI Threat List and provide "on-the-spot" results by producing a unique color when they come into contact with specific explosive substances. All MSI wet chemistry products are highly sensitive with results appearing in just seconds.

### Benefits:

- » Easy-to-use; simply wipe, spray/drop and read results
- » Can be used indoors and outdoors and in any weather condition
- » The detection and identification process requires no technical background or special training



### EXPRAY®

A unique explosive aerosol test technology, Expray®, detects both trace and substance levels of explosives as well as homemade explosive (HME) precursors. Commonly used by armed forces in Iraq and Afghanistan, Expray® helps detect a wide spectrum of explosives and HME precursors quickly and effectively.

### Capabilities:

- » Nitro Aromatic
- » Nitro Esters
- » Nitramines
- » Inorganic Nitrates
- » Urea Nitrate
- » Ammonium Nitrate
- » Chlorates
- » Bromates
- » Peroxide-based components
- » Perchlorates

Expray Master Kit (Mini) .....	MIS 01545
Expray Master Kit (Regular) .....	MIS 01620



### DROPEX® PLUS

DropEx explosive detection is a dropper-bottle technology developed for both in-the-field and laboratory conditions. Kits include a full range of detection capabilities and are packaged in convenient 'Work Station' cases.

### Capabilities:

- » Nitro Aromatic
- » Nitro Esters
- » Nitramines
- » Inorganic Nitrates
- » Urea Nitrate
- » Ammonium Nitrate
- » Inorganic Oxidants
- » Peroxide
- » Perchlorates
- » Nitromethane

Dropex Plus .....	MIS 01685
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## EXPEN

ExPen (ampoule-based technology) contains the same chemistry technology as DropEx bottles. The ExPen was designed for military, EOD, and security personnel primarily for easy carrying and for situations that do not require multiple tests.



### Capabilities:

- » Nitro Aromatic
- » Nitro Esters
- » Nitramines
- » Inorganic Nitrates
- » Urea Nitrate
- » Ammonium Nitrate
- » Inorganic Oxidants
- » Peroxide
- » Perchlorates
- » Lead Azide
- » ANN
- » UREA
- » PO
- » CAN
- » NST
- » UN
- » Acetic Anhydride



ExPen Plus Kit .....	MIS 015500
ExPen 1, Box of 25 .....	MIS 01518-B25
ExPen 2, Box of 25 .....	MIS 01528-B25
ExPen 3, Box of 25 .....	MIS 01538-B25
ExPen P, Box of 25 .....	MIS 01548-B25

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