

XPAK

I N N O V A T I O N T H A T ' S A F F O R D A B L E



eXplosives Particulate Analysis Kit

TRACE
EXPLOSIVES
DETECTION

USER FRIENDLY

ROBUST

RELIABLE

AFFORDABLE



THE XPAK ADVANTAGE

The **XPAK** is a portable trace explosives detection system that is rugged, affordable, and user-friendly. In less than a day, users can learn to reliably collect and identify trace explosives on people, vehicles, bags, and packages.

ADVANTAGES

Versatile – Detects wide range of explosives including RDX, PETN, TNT, NG, EGDN and more.

Affordable Performance – Highly sensitive trace detection at an affordable price.

Rugged – Excels under realistic field conditions.

Fast – Ready immediately with no warm up time, analysis in seconds.

Convenient – Lightweight and simple to learn and operate.

APPLICATIONS

Routine entrance screening – Quickly sample large numbers of people at entrances to bases, embassies, buildings, power plants, airports, stadiums, events, and facilities.

Spot screening – Randomly screen people and/or their belongings when routine entrance screening is impractical or unnecessary.

Vehicle screening – Screen vehicles at checkpoints or delivery entrances.

Screening large numbers of hand-carried items – Screen luggage, briefcases, bags, and other hand-carried items at airports, bus terminals, and other arrival and departure points.

Screening mailed and shipped items – Screen letters, packages, and shipping crates arriving at embassies, mailrooms, government facilities, or large shipping facilities.

Threat-based screening – Screen small numbers of people, vehicles, unattended packages, or mailed/shipped items in response to a threat.

Information gathering – Gather information about bomb-making activities.

Explosives screening
has never been this
affordable.

This robust. This easy.

The right solution.

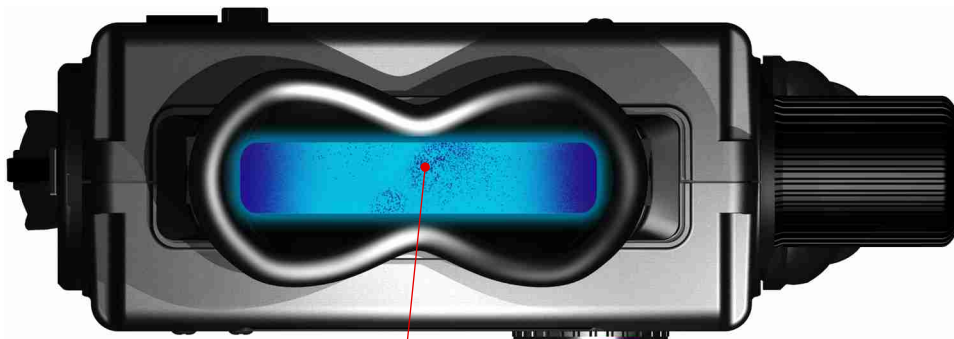
The right price.

RedX innovation.



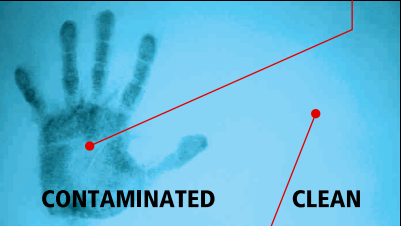
CORE TECHNOLOGY

When the sampling baton is viewed through the **XPAK** visor, darkened areas against a blue background confirm the presence of trace amounts of explosives.



Darkened areas indicating the presence of trace amounts of explosives

In this photograph, the darkened silhouette of **the left handprint** confirms the presence of trace amounts of explosives.



The **right handprint** (not visible) shows no darkening and thus indicates the absence of explosives residue.

SPECIFICATIONS

● Detection Principle	Fluorimetric Detection
● Explosives Detected	TNT, DNT, TNB, Picric Acid, Tetra, Comp B RDX, C4, PE-4, Deta sheet, HMX Nitroglycerin, PETN, EDGN, Det. cord, Prima cord, Prima sheet, Semtex, Nitrocellulose
● Sampling Capabilities	Trace Particulates
● Sampling Applications	People, vehicles, packages, bags, surfaces
● Time to Sample/Analyze	Analyze samples within seconds
● Calibration	None required
● Warm-up Time	None required
● Consumables	Detection ink, detection paper
● Power Source	Eight rechargeable AA batteries (charger included)
● Dimensions	17" x 11" x 4.25" (Height x Width x Depth)
● Weight	Less than 10 pounds fully loaded
● Certification and Testing	<ul style="list-style-type: none"> - MIL-STD-810F Method 501.4, High temperature storage - MIL-STD-810F Method 502.4, Low temperature storage - MIL-STD-810F Method 507.4, Humidity - MIL-STD-810F Method 516.5, Mechanical Shock, Procedure IV, Transit Drop - FCC Part 15 Class A, EN 61326, and Industry Canada ICES-003, EMC emissions and immunity testing - UL 61010-1 and EN 61010-1 Safety Certification



The startup kit comes with a rugged case and all the necessary supplies.



With minimal training, a single operator can quickly detect explosives.

RedXDefense is a complete solution provider for defense against explosive threats. We offer a suite of security solutions for guest screening, vehicle and package screening, and security management.

RedX products are focused on reducing operational burdens and cost, and on creating a positive user experience. These products serve military, government, and private sector customers with wide-ranging applications from intelligence gathering to vehicle checkpoint screening to high-throughput visitor screening.