



General Trading Limited Liability Company

I N T R O D U C I N G

PN100X

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

NEW!
HME Capability

**PORTABLE
TRACE
EXPLOSIVES
DETECTION**

**USER
FRIENDLY**

ROBUST

RELIABLE

AFFORDABLE



THE NEW X PN100X ADVANTAGE

Introducing the next generation **XPN100X** with capability to detect **Homemade Explosives**. The **XPN100X** is a rugged, affordable, and user-friendly portable trace explosives detection system. In less than a day, users can learn to collect and identify trace explosives on people, vehicles, bags, and packages.

ADVANTAGES

- Portable** – Ideal for Force Protection and Special Operations.
- Versatile** – Detects a wide range of explosives.
- Affordable Performance** – Sensitive trace detection at an affordable price.
- Rugged** – Excels under realistic field conditions.
- Fast** – Ready immediately with no warm-up or calibration; analysis in seconds.
- Convenient** – System, supplies and chargers in one rugged case.

APPLICATIONS

- Routine entrance screening** – Quickly sample 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** – On-site screening of people, vehicles, unattended packages, or mailed/shipped items in response to a threat.
- Information gathering** – Gather information about bomb-making activities.

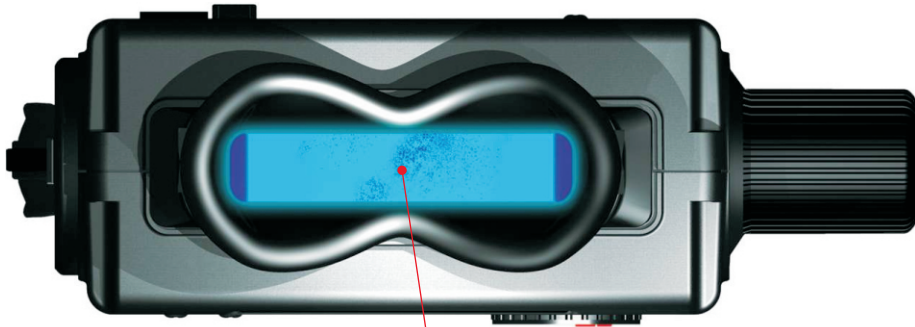
Explosives screening has never been this affordable. This robust. This easy.

The right solution. The right price.



CORE TECHNOLOGY

When the sampling baton is viewed through the **XPN100X** visor, darkened areas against the bright blue background confirm the presence of trace explosives.



Darkened areas indicate the presence of trace amounts of explosives

SPECIFICATIONS

● Detection Principle	Fluorimetric Detection
● Explosives Detected	TNT, DNT, RDX, PETN, HMX, Semtex, Tetryl, C4, PE -4, COMP B, Deta sheet, Prima sheet, Det cord, Prima cord, Picric Acid, TNB, DNB, Nitroglycerin, HME (Homemade Explosives)*
● Sampling Capabilities	Trace Particles
● Sampling Applications	People, vehicles, packages, bags, surfaces
● Time to Sample/Analyze	Detections under 15 seconds**
● Calibration	None required
● Warm-up Time	None required
● Consumables	Detection ink, detection paper
● Power Source	Rechargeable Li-ion battery (charger included)
● Operating Temperature Range (may vary)	32°F to 120°F (0°C to 49°C)
● Dimensions	18" x 12.5" x 4.25" (Height x Width x Depth)

* New detection capability.

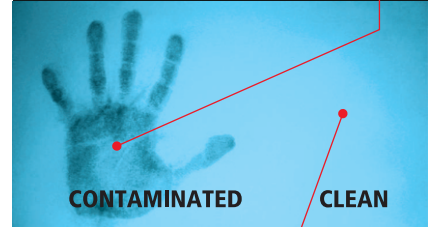
** Some detections may take longer, please contact us for information or a demonstration.



With minimal training, a single operator can quickly detect 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.

PREMNET offers a comprehensive suite of security solutions for combating explosive threats. Our customized security architecture uses innovative products and technologies implemented by subject matter experts and addresses a wide range of applications from portable trace detectors and guest screening systems to command and control software and canine remote handler technology.

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