

SPE-8000

HANDHELD EXPLOSIVES TRACE DETECTOR

NS-SPE8000

PRODUCT OVERVIEW

The SPE-8000 is the lightest and most sensitive handheld explosives trace detector in its class. Its unique fluorescent detection technology identifies military, conventional, homemade, and liquid explosive threats by class on surfaces (particulate) and in bottles (vapor).

It starts from cold in three minutes and has a battery that lasts up to 8 hours. With clear-down measured in seconds, operators spend more time sampling and less time waiting.

The SPE-8000 expedites on-site decision making with 10 second threat reporting via intuitive, go/no-go alarms. Training can be completed in 30 minutes, further minimizing the impact on day-to-day operations and costs.

EOD & DEMINING



FEATURES

- Multi-channel fluorescence technology; no radioactive source
- Detects Military, Conventional, Homemade and Liquid Explosives
- Particle and Vapor detection modes
- IP54 rated for dust ingress and water resistance
- Long-lasting, user replaceable battery
- 3 minute start-up time, 10 second results, clear down within seconds
- Visible, Audible and Vibrational Alerts



SPE-8000

HANDHELD EXPLOSIVES TRACE DETECTOR

NS-SPE8000

FEATURES

Technology	multi-channel fluorescence technology; no radio-active source
Sampling & Analysis	
Sample Introduction	Direct vapor for bottled liquids or sampling swipes for surfaces
Sample Phase	Vapor and trace particulate
Threats	Detects military, conventional, homemade, and liquid explosives
Sampling & Analysis	Analysis ≤ 10 seconds with real-time detection capability
System Interface	
Alerts	Visible, audible, and haptic (vibration) alerts; bluetooth headset (option)
Localization	Language translation available worldwide
Display	3 inch LCD screen
Communication	USB; optional embedded wireless or WIFI
Data Storage	>200000 continuous data logging
Data Management	On-device report generation; export to mass storage
User Levels	Operator and Administrator
Power	
Input Voltage	100-240 VAC ; 50/60Hz, 2A
Battery Specs	Two rechargeable Li-ion batteries (swappable and up to 8-hr battery life);
Power consumption	30W
Startup Time	<3 minutes from cold;
Self cleaning time	<30 seconds
Sensitivity	<0.1ng
False alarm	<1%
Environmental	
Operating Temperature	-30 to 55 °C
Operating Humidity	5% to 95% non-condensing
Storage Temperature	-30 to 50 °C
Physical Features	
Dimensions (L x W x H)	13.07 x3.54 x1.8 inch (332 x90 x46mm) - with heater
Weight	1.4 kgs with battery
Explosives identify	Black Powder, AN, TNT, DNT,MNT, HMX, NHS, BTF, CL20, DNTF, DNTF, NQ, AT, TATP, Tetra, PETN, Gun Power, NG, RDX, fireworks, C4 etc