

DATASHEET



Hardened MobileTrace® is built around a core of field-proven explosives and narcotics detection technologies, and designed for the challenging environments in which you work. It has been tested to military and government standards and has expanded capabilities for detecting chemical warfare agents (CWAs) and toxic industrial chemicals (TICs).

Hardened MobileTrace® can help you enhance the safety and success of your mission by screening for explosives, narcotics and other threats, that might otherwise go undetected.

DETECTS CWAS, TICS, EXPLOSIVES, PRECURSORS,
NARCOTICS AND TAGGANTS

DESIGNED FOR ALL CHALLENGING ENVIRONMENTS

PHYSICAL SHOCK AND VIBRATION RESISTANT

ASTM
E2520-07
CERTIFIED

DETECTION TECHNOLOGY

Hardened MobileTrace® was designed to make advanced detection technology easy to use in the field. It is a highly portable and lightweight unit equipped with a daylight-readable touch screen for clear and immediate viewing in all lighting conditions. Users who are familiar with other Rapiscan® Systems products will recognize the straightforward software and instructions found common in the user interface across many of Rapiscan® Systems trace detectors.

SUBSTANCE DETECTION

Expanded substance detection for CWAs library (blood, blister and nerve) and TICs library (chlorides, cyanides, acids and ammonias).

EASY TO USE

- Daylight readable touch screen (800 NIT).
- Simple user interface and intuitive menus.
- E-mail, field service engineer technical support and trouble shooting, 24/7.
- Ergonomically designed for PPE operation.
- Lightweight & Portable.
- Internal back up batteries for "hot swap" ability.

DESIGNED FOR CHALLENGING ENVIRONMENTS

Hardened MobileTrace® has been designed for challenging environments used by law enforcement, military, ports and borders.

YOUR AUTHORISED DISTRIBUTOR |

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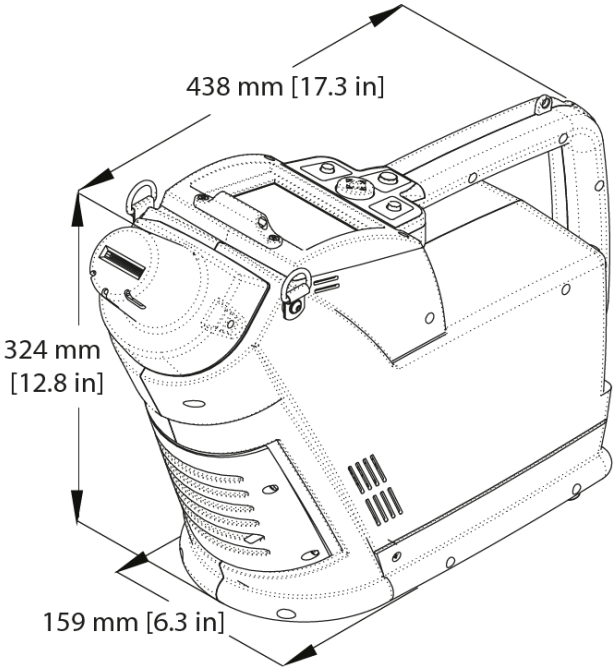
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PHYSICAL SPECIFICATION

DIMENSIONS	L	438 mm (17.3 in)
	W	159 mm (6.3 in)
	H	324 mm (12.8 in)
NET WEIGHT		5.4 kg (12 lbs) with battery

ENVIRONMENT & POWER

DETECTOR TYPE	Ion Trap Mobility Spectrometer (ITMS™) Nickel 63, 10 millicurie (370 MBq) strength
ANALYSIS TIME	Less than 12 seconds
SAMPLE ACQUISITION	For Particle swipe or vapor sampling
WARMUP TIME	24 hours / 30 minutes
POWER SUPPLY	115/230 VAC, 50/60 Hz External AC to DC power supply. DC vehicle power adapter, and main battery

OPERATING ENVIRONMENT

TEMPERATURE	-20 to 55°C
HUMIDITY	0-95% RH non-condensing
ENVIRONMENTAL PROTECTION	IP54 Rated MIL-STD-810-G: resistant to blowing dust, rain, salt fog, vibration, physical shock

OPERATION

COMPUTER	Windows® CE 5.0 1 GB compact flash disk
DISPLAY	3.5 in. (8.9 cm) Color LCD, 800 NIT
DETECTION MODES	Explosives, narcotics, TICs and CWAs
FALSE ALARM RATE	<2%
BATTERY	2 batteries for up to 6 hours of operation

PRODUCT HIGHLIGHTS

- Tested to MIL-STD-810-G
- Tested and verified at government and third-party labs
- 100% Buy American Act compliant
- Results verified at third-party laboratories
- Drop and vibration tested
- Salt fog resistant