HARDBRED
MOBILETRACE®
TRACE DETECTION

THREAT DETECTOR FOR CHALLENGING ENVIRONMENTS

- Detects CWAs, TICs, explosives, precursors, narcotics and taggants
- Designed for challenging environments: extreme temperature, dust, moisture, salt fog, and rain
- Physical shock and vibration resistant
- Tested to MIL-STD-810-G and IP54 rated
- 100% Buy American Act compliant

HARDBRED MOBILETRACE® IS BUILT AROUND A CORE OF FIELD-PROVEN EXPLOSIVES AND NARCOTICS DETECTION TECHNOLOGIES. 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).

We know your missions are different every time and the environments you encounter are tough and unpredictable. 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.

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.

DESIGNED FOR CHALLENGING ENVIRONMENTS

- Ports and Border
- Military
- Law Enforcement

RUGGEDIZED

- Tested to MIL-STD-810-G
- IP54 Rated
- Temperatures range: -20°C to 55°C (-4°F to 131°F)
- Humidity range: 0-95% RH non-condensing
- Salt fog resistant
- Drop and vibration tested

PORTABLE

- Lightweight
- Two batteries for up to six hours of operation
- Internal back up batteries for “hot swap” ability

EXPANDED SUBSTANCE DETECTION

- Tested and verified at government and third-party labs
- CWAs library: blood, blister, nerve
- TICs library: chlorides, cyanides, acids and ammonia

EASY TO USE

- Daylight readable touch screen (800 NIT)
- Simple user interface and intuitive menus
- E-mail, and field service engineer technical support and troubleshooting 24/7
- Ergonomically designed for PPE operation

ACCURATE

- False alarm rates <2%
- Results verified at third-party laboratories
HARDENED MOBILETRACE®

PHYSICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length: 17.3 in. (438 mm)</th>
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<tbody>
<tr>
<td></td>
<td>Width: 6.3 in. (159 mm)</td>
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<tr>
<td></td>
<td>Height: 12.8 in. (324 mm)</td>
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<tr>
<td>Weight (Approx.)</td>
<td>Net: 9.4 lbs (5.4 Kg) with battery</td>
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</tbody>
</table>

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Detector Type</th>
<th>Ion Trap Mobility Spectrometer (ITMS™); Nickel 63, 10 millicurie (370 MBq) strength</th>
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<tbody>
<tr>
<td>Analysis Time</td>
<td>Less than 12 seconds</td>
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<tr>
<td>Sample Acquisition</td>
<td>Particle swipe or vapor sampling</td>
</tr>
<tr>
<td>Warmup Time (Cold Start)</td>
<td>24 hours/ 30 minutes</td>
</tr>
<tr>
<td>Operating Temperature:</td>
<td>-4 to 131°F (-20 to 55°C)</td>
</tr>
<tr>
<td>Power</td>
<td>115/230 VAC, 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>External AC to DC power supply, DC vehicle power adapter, and main battery</td>
</tr>
<tr>
<td>Computer</td>
<td>Windows® CE 5.0, 1 GB compact flash disk</td>
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<tr>
<td>Display</td>
<td>3.5 in. (8.9 cm); color LCD, 800 NIT</td>
</tr>
<tr>
<td>Detection Modes:</td>
<td>Explosives, narcotics, TICs, CWAs</td>
</tr>
<tr>
<td>Data Transfer Capability</td>
<td>Ethernet and USB connectivity</td>
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Rapiscan® Systems is ISO 9001:2008 Certified