SABRE 4000

HAND-HELD TRACE DETECTOR FOR EXPLOSIVES, CHEMICAL AGENTS, TOXIC INDUSTRIAL CHEMICALS OR NARCOTICS

Feature Highlights

- **Lightest trace detector available**
- **Added TIC detection capability**
- **Analyze either particle or vapor samples**
- **Weighs 7 lbs. with the standard 4-hour battery**
- **3.5" color TFT display**
- **Automatic analysis results in seconds**

For those who work tirelessly to protect the public, everyday presents a new challenge. What will you be faced with today? Strange odors? Suspicious packages? Drugs?

You need to have an instrument by your side that can detect the widest range of substances.

Smiths Detection is proud to introduce the next generation of hand-held trace detectors — the SABRE 4000 — the only portable trace detector that can detect threats from explosives, chemical warfare agents, toxic industrial chemicals or narcotics.

The SABRE 4000 can detect and identify over 40 of these threat substances in approximately 15 seconds. With a cold time start of 10 minutes and weighing approximately 7 lbs. including the 4-hour battery, the SABRE 4000 is a small, powerful ally in the war on terror and drug trafficking.

With the added TIC detection capability, new features such as the 3.5" color TFT display and standard 4-hour battery, the SABRE 4000 is still the smallest, lightest hand-held trace detector available. It is also the only one that can detect and identify all the threats facing you.

smiths

SABRE 4000

Trace Detection
A detection using the SABRE 4000 means that traces of a target substance have been found on the item sampled. This in turn means that the item or its handler has been in contact with the identified substance and appropriate actions need to be taken.

Sample Collection
Proper sample collection is key to the success of any trace detector. The versatile SABRE 4000 is capable of analyzing either trace particle or vapor samples, allowing the operator to apply the ideal sampling technique for the substance suspected.

For example, most explosive and narcotic substance do not have a strong vapor presence and in the real world are very difficult to detect by vapor. Therefore, the most reliable collection and analysis method for those substances is particle collection. The nature of CW Agents and Toxic Industrial Chemicals make vapor sampling more appropriate for those substances.

The SABRE 4000's ability to analyze either trace particle or vapor samples lets the operator decide which sample collection method will yield the most accurate analyses results.

USA
Emergency Responder Market
Smiths Detection Inc.
14 Commerce Drive.
Danbury, CT 06810
T: +1 203 207 9700
F: +1 203 207 9780
Danbury@smithsdetection.com

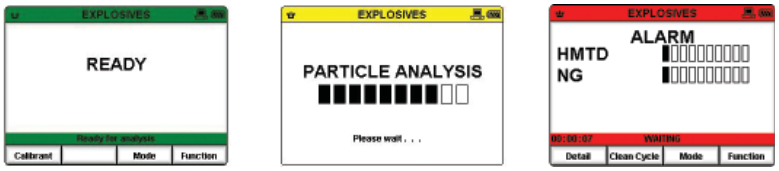
International
UK
Smiths Detection Ltd.
Genesis Centre
Science Park South
Birchwood
Warrington WA3 7BH
T: +44 (0) 1925 838494
F: +44 (0) 1925 838463
sddinternational@smithsdetection.com

Technical Data

General Specifications

Technology	Ion Mobility Spectrometry (IMS) technology
Drugs Detected	Cocaine, Heroin, THC, Methamphetamine and others
Explosives Detected	RDX, PETN, TNT, Semtex, NG, Ammonium Nitrate and others
CW Agents Detected	Nerve and blister agents such as Tabun, Sarin, Soman, Cyclosarin, Agent VX and V_X, Nitrogen Mustard 3 and others
TICs Detected	Hydrogen Cyanide (HCN), Phosgene, SO_2, NH_3, Etox, $HN0_3$, HCI, CI_2, and HF
Display	3.5" TFT color display
Ready Time	Under 10 minutes from cold start
Analysis Time	Less than 15 seconds
Weight	Under 7 lbs (3.2 kg) with the 4-hour battery
Size	14.5" x 4" x 4.5" (36.3 x 11 x 13 cm)

Options
Protective cover with shoulder strap



Color-coded display shows status of instrument. Green when ready, yellow when analyzing and red when a detection is made.