



Sabre 2000

Sabre 4000 Hand-held Explosives, CW Agents, Toxic Industrial Chemicals or Narcotics Trace Detection

The Sabre 4000 - the next generation of hand-held trace detectors - is 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 start time of 10 minutes and weighing approximately 7 pounds including the 4-hour battery, the Sabre 4000 is a small, powerful ally in the war on terror and drug trafficking.

A detection using the Sabre 4000 means that trace amounts 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 the appropriate actions need to be taken.

With the added TIC detection capability and new feature such as the color 3.5" TFT display and standard 4-hour battery, the Sabre 4000 is still the smallest and lightest portable trace detector available. Because of their ready availability and relative ease of dispersal, TICs are often viewed as a more acute threat when protecting against non-conventional weapons. The Sabre 4000 is the only hand-held trace detector available that can detect all the threats facing you today.

Sample Collection

Proper sample collection is the 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 substances 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 these 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 analysis results.

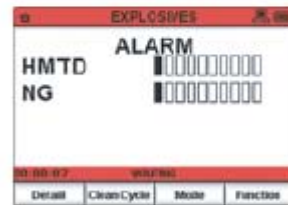
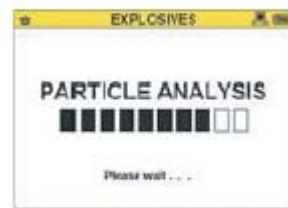


Product Advantages

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|--------------------------|---|
| True portability | <ul style="list-style-type: none"> ● Lightest trace detector available for true field applications ● No external computer necessary ● Store more than 300 analysis results with detailed plasmagrams |
| Most versatile hand-held | <ul style="list-style-type: none"> ● Can analyze both trace particle and vapor samples ● Detect and identify more than 40 explosive, chemical warfare agent, toxic industrial chemical or narcotic substances |
| Lightweight | <ul style="list-style-type: none"> ● Weighs 7 lbs, including the standard 4-hour battery |
| Color Display | <ul style="list-style-type: none"> ● 3.5" TFT color display ● Easy to read in all lighting conditions |
| Simple operation | <ul style="list-style-type: none"> ● Automatic analysis ● Results in seconds |

Technical Specification

- Ion Mobility Spectrometry (IMS) technology
- 3.5" TFT color display
- Drugs detected include Cocaine, Heroin, THC, Methamphetamine, Ecstasy and others
- Explosives detected include RDX, PETN, TNT, Semtex, NG, Ammonium Nitrate and others
- CW Agents detected include nerve and blister agents such as Tabun, Sarin, Soman, Cyclosarin, Agent VX and Vx Nitrogen Mustard 3 and others
- TOCs detected include Hydrogen Cyanide (HCN), Phosgene, SO₂, NH₃ and others
- Less than 15 second analysis time
- Ready in less than 10 minutes from cold start
- Size: 14.5 x 4 x 4.5 (in) - 36.3 x 11 x 13 (cm)
- Weight: 7 lbs (3.2 kg) with 4-hour battery
- Options include protective cover with shoulder strap



The color-coded display allows for quick identification of the status of the SABRE 4000 and analysis results.



If you would like further Information about ELAMAN,
or would like to discuss a specific requirement or project, please contact us at:

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