

HAPSITE[®]

Chemical Identification System



IDENTIFY CHEMICAL THREATS IN MINUTES TO HELP YOU MAKE THE RIGHT DECISION

HAPSITE Chemical Identification System, the only portable gas chromatograph/mass spectrometer (GC/MS) designed for on-scene detection, identification and quantitation of chemical warfare agents (CWAs) and toxic industrial chemicals (TICs), provides results when and where they are needed. GC/MS is the benchmark for positive identification of organic chemicals with the highest degrees of accuracy of any available analytical technique. And with HAPSITE Chemical Identification System, users get the confirmatory results within minutes that are necessary to make critical decisions affecting life, health, safety and the mission.

HAPSITE Chemical Identification System is a totally self-contained system for volatile organic compounds (VOCs). HAPSITE detects the presence of compounds, identifies compounds by name, and provides concentration levels.

FEATURES AT A GLANCE

- confirmatory results for rapid evacuation decisions
- wide spectrum response – CWAs & TICs detection and identification
- immediate identification of hazardous chemicals (VOCs)
- low detection limits to the parts per trillion (PPT) range
- results directly comparable to the latest GC/MS laboratory instruments
- pre-programmed methods for ease of use
- lightweight, portable

APPLICATIONS

- Theater Reconnaissance Support
- Civil Support Response
- Domestic Preparedness
- Installation Protection
- Security and Special Operations
- Critical Building/Event Security
- NBC Operations
- Reaction Teams
- Environmental Assessment
- Casualty Chemical Screening

Easy to use, HAPSITE is rugged, weatherproof and easily decontaminated. It operates on a rechargeable nickel metal hydride battery for field use or from a 24-volt power source when external power is available. A built-in GPS (Global Positioning System) allows HAPSITE to automatically record the exact latitude and longitude of the sampling location along with field data, and date/time stamp.

Specially designed to withstand harsh conditions, HAPSITE has successfully completed testing by the U.S. Army and NATO countries. Military units and HAZMAT response teams have proven the ruggedness of HAPSITE and its benefits for battlefield and urban use worldwide.

The optional HAPSITE Headspace Sampling System enhances the capabilities of the HAPSITE Chemical Identification System to provide highly accurate, on-scene analysis of VOCs in soil or water.

Positive Chemical Agent Identification



HAPSITE® PROVIDES FAST CHEMICAL IDENTIFICATION ON-SCENE

- WMD and TIC Identification
- Delivers Confirmatory Field Results
- Detects Down to Toxicologically Significant Levels



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