



H150E™

Handheld Explosives & Narcotics Trace Detector



Desktop-level detection of explosives and narcotics in a portable system

The H150E is a handheld explosives and narcotics detector that rapidly detects and identifies trace amounts of a wide variety of military, commercial, and homemade explosives and narcotics.

The H150E offers the outstanding detection performance of Leidos' widely deployed QS-B220 desktop system. The network-ready system is easy to operate and features a large, high-resolution, daylight-readable color touchscreen. The modernized icon-based interface provides a familiar user experience, allowing for simple and intuitive navigation.

The system's real-time detection algorithm delivers fast results, alerting the operator as soon as a threat is detected. With rapid clear-down and other features that minimize system contamination, the H150E is ready for the next sample within seconds, even after a positive detection.

The presence of a threat is indicated by both visible and/or audible alarms, with the substance identification clearly displayed. Spectrograms, administrative functions, and diagnostics can be accessed and viewed on the integrated 4.3 inch color touchscreen.

The patented automatic calibration system, inCal™, prevents errors that could result from an uncalibrated instrument. The H150E monitors its environment, senses changes that would affect its analysis, and recalibrates accordingly. Calibration occurs with no user intervention and does not require calibration consumables.

Operation and maintenance expenses are minimized with the H150E, including low consumable costs. Routine maintenance consists of only periodic cleaning using common supplies and desiccant replacement as required.

The H150E's innovative design includes patented non-radioactive ion mobility spectrometry technology, so there are no associated certifications, licensing, inspection, testing or decommissioning costs normally associated with systems that contain radioactive materials.

Designed for flexibility in mind, the H150E features foldable legs which enable the system to easily operate at a fixed location. Combined with an integrated trap holder and ergonomic shoulder strap, the H150E provides the operator with unique, flexible functionality.

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