

Detect virtually any explosive in less than four seconds—without relying on a reference library. Leveraging L-3's innovative energetic materials detection (EMD) technology, the OptEX desktop explosives trace detection system helps you identify and resolve threats quickly while keeping bags and people moving.

The OptEX explosives-detection system strengthens security at airports, seaports, border crossings, air cargo facilities, embassies and other critical infrastructure facilities through an improved approach to screening trace amounts of explosives. Departing from conventional ion mobility spectrometer (IMS) technology, OptEX searches for unique heat signatures that indicate traces of explosives. This unique technology enables OptEX to quickly and safely detect energetic material—from newly created compounds to documented substances such as TATP, TNT, PETN, RDX, NC, nitrates, and a wide range of Military, Commercial, and home-made explosives.

OptEX features a rapid automatic startup that readies the device for operation in less than two minutes. Users of every skill level can operate OptEX with minimal training by simply wiping any object with a sample wipe and inserting it into the OptEX detector. Results are displayed in just seconds. Wipes can be reused, enabling users to dramatically cut day-to-day operating costs while creating a more secure environment.

- Detects virtually any explosive in less than four seconds – no cleardown or bakeout time required.

- OptEX 3.1 is on the DfT's approved equipment list for screening hold baggage, carry-on and passengers.
- Uses thermodynamics to search for unique heat signatures that indicate traces of explosives – from newly created compounds to documented substances. This provides a simpler, safer approach to explosives trace detection, as no dryer consumables, carrier gases, or radioactive sources are required.
- Total cost of ownership is reduced through reusable sample wipes and fewer consumables.
- No substance library required.
- Reliable in any operating environment.

Outstanding Service and Support

Recognized worldwide for our commitment to customer service, L-3 fields one of the industry's largest and most experienced global service teams. We offer a full spectrum of services to help you reap maximum value from your investment while maintaining robust, effective and efficient operations.



Rapid analysis allows operators to resolve threats quickly while keeping bags and passengers moving

L-3 Security & Detection Systems
www.L-3com.com/sds

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