

Desktop Explosives and Narcotics Detector

This Desktop Explosives and Narcotics Detector fills the growing need of security professionals to have the ability to detect a wide range of substances and to be able to adapt as threats and their needs change.

By incorporating two IMS detectors, this single unit is capable of detecting and identifying explosives and narcotics during a single analysis, giving you the ability to detect a broader range of substances while maintaining the high sensitivity and specificity.



This dual detector system is ideal for any security application.

Aviation security personnel and the military will benefit from the capability to detect a much broader range of explosive substances.

Customs, coast guard and border crossing agencies that require the ability to detect both narcotics and explosives from a single sample will be able to execute their duties utilising one instrument.

Facility security professionals will be aided in better protecting access points to commercial buildings, courthouses, detention and prison facilities, with the ability to detect multiple threats with one instrument.

By using dual IMS detectors in one instrument, high sensitivity is maintained while detection capability is increased, aiding security personnel in carrying out their critical tasks.

This Desktop Explosives and Narcotics Detector has an ergonomic design and a large, colour touch-screen display, built-in printer, 40GB internal hard drive, full PC functionality, increased memory and networking capabilities.

Over 6,000 are in use by aviation security, government and law enforcement agencies, the military and by private security companies.

Sample Collection System

An advanced sampling wand eliminates the need for the operator to handle the sample swab after every sample. This increases the quality of the sample collected and analyzed, further enhancing units performance.



Unit 20 Murrell Green Business Park, London Road, Hook, Hampshire RG27 9GR
T: +44 (0) 1256 766600 F: +44 (0) 1256 766500 GSM: +44 (0) 7770808804/+44 (0) 7791730115
E: info@comm-spec.com & malik@comm-spec.com www.comm-spec.com

Registered Office: 4 High Street, Alton, Hampshire GU34 1BU Registered in England No: 04709360

Desktop Explosives and Narcotics Detectors

Simplified Maintenance

The unit includes a regenerative Air Purification System (APS), which reduces maintenance and cost of ownership. In addition, most operator replaceable parts do not require the use of tools in the field.

Software

The operator navigates through the software using the large, colour touch-screen display.

The large size and colour-coded interface of the display makes it easy to view results and operate the unit. With the increased internal memory, more analysis results can be stored. These results can be printed with the built-in printer and exported via the USB port.

The software also allows advanced operators the capacity to further review and analyse results.

Featured Highlights

- Simultaneous detection of explosives and narcotics;
- Over 40 substances detected and identified in 8 seconds;
- Large touch-screen colour display;
- Built-in printer;
- Internal data storage;
- Simplified maintenance;
- Low cost of ownership.

Specifications

- Dual Ion Mobility Spectrometry (IMS) Technology;
- Operating Modes: Explosives/Narcotics simultaneous, Explosives only, Narcotics only;
- Explosives detected include RDX, PETN, NG, TNT, HMX, TATP and others;
- Narcotics detected include Cocaine, Heroin, Amphetamine, Methamphetamine, MDA, THC and others;
- Sensitivity Explosives: picogram range;
- Narcotics: sub-nanogram range;
- 8 second analysis time;
- 30 minutes warm up time;
- Input Voltage: 95-265VAC, 50-60 Hz, 600W cold, 300W warm 110/220V Power;
- Weight: 18kg;
- 10.4", colour TFT touch screen display;
- Dimensions L x H x D 16" x 12.5" x 16" (40 x 31 x 40 cm) with screen down, 16" x 22.5" x 16" (40 x 57 x 40 cm) with screen up;
- Built-in, 4" impact printer;
- Options: One hour back-up battery (1/2 hour operation).



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