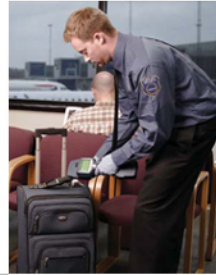


ITEMISER® DX

Explosives and Narcotics Detection In a Desktop System



SIMULTANEOUSLY DETECTS POSITIVE AND NEGATIVE IONS USING A SINGLE DETECTOR.

- Meets rigorous U.S. TSA detection specifications
- Patented regenerative dryer
- Automated calibration with optional verification
- Onboard computer automatically handles all data logging
- Intuitive touch screen menus on a graphical user interface
- Lightweight (26.5 lb/12 kg) with built-in handle for easy transport

Itemiser® DX simultaneously detects positive and negative ions using a single detector and leveraging Rapiscan® Systems patented ITMSTM technology.

Itemiser® DX delivers fast explosives and narcotics detection in a package that is ergonomic and portable.

COST EFFECTIVE

Folding monitor screen automatically shuts off backlight to extend life of display. New long life positive ion dopant reduces cost of operation and maintenance.

RELIABLE

Simultaneous dual mode detection eliminates the need for two detectors, which significantly decreases the possibility of mechanical failure associated with two detector systems.

Maintains a low, stable humidity level in the detector, allowing for consistent and reliable detection results.

Automatically saves test results, preventing deletions.

Robust internal solid-state hard drive for reliable data storage.

ADVANCED DATA FEATURES

Results require minimal interpretation, allowing operators to concentrate on sample acquisition. A comprehensive history of saved data and alarm files can be recalled and printed at any time.

EASE OF USE PROVIDING HIGHEST THROUGHPUT

Built-in thermal printer for fast hard copy results or printing later.

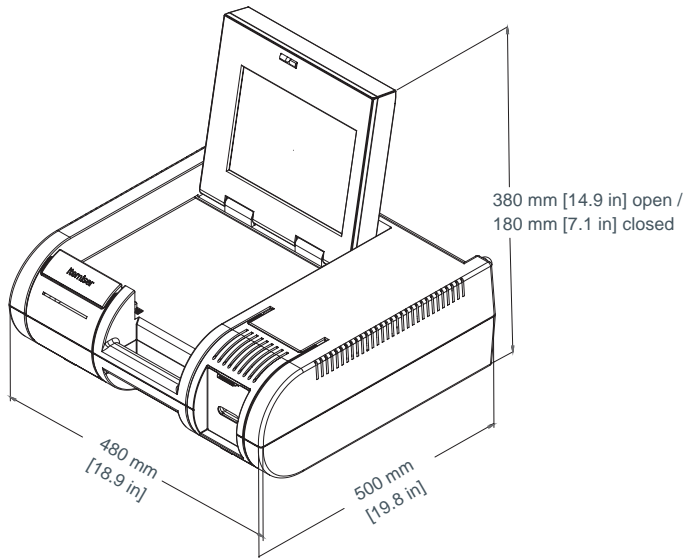
Quick analysis and results in approximately 8 seconds.

Easily achievable software upgrades via on-board USB ports.

PORTABILITY

Internal, one-hour battery allows instrument relocation without having to shut it off, eliminating warmup time.

ITEMISER® DX



PHYSICAL SPECIFICATIONS

Dimension (display opened)	Height: 14.9 in (38 cm) Width: 18.9 in (48 cm) Depth: 19.8 in (50 cm)
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Weight	26.5 lb (12.02 kg)
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TECHNICAL SPECIFICATIONS

Detector Type	Ion Trap Mobility Spectrometer (ITMS)"
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Analysis Time	Default 8 seconds
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Sample Acquisition	Surface wipe
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Warmup Time (Cold Start)	Allow approximately 30 minutes for system to stabilize
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Operating Temperature:	32 to 104°F (0 to 40°C) IP20 protection rating
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Power	AC Input: 100-120 VAC, 200-240 VAC, 47-63 Hz, 150W
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DC Input	11-18 VDC input, 10A (150W) max
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Battery Backup:	Up to 60 minutes of standby time
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Computer	80 GB Hard Drive
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Display	10.4 in (26.4 cm) TFT-LCD monitor with resistive touch screen
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Signal Processing	Recognition on multiple peaks and explosives; output to 4 different display types, including bar graph display or time-of-flight plasmagram display
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Detection Capability	Explosives and Narcotics Detection
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Data Transfer Capability	Two USB 2.0 ports; Ethernet port
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