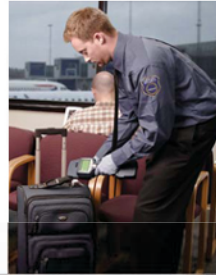


# ITEMISER<sup>®</sup> 5X

## Trace Detector



The ITEMISER 5X uses optimized detection libraries and advanced software algorithms, making it the ideal solution for detecting trace amounts of explosive and narcotic threats. The nonradioactive ionization source eliminates the need for annual wipe tests and licensing, as well as reduces shipping challenges.

- NEW SUBSYSTEMS FOR GREATER RELIABILITY & ADVANCED SOFTWARE ALGORITHMS
- FASTER CLEAR DOWNS
- NEW DESORBER DESIGN MAKES FOR MORE EFFICIENT SAMPLE INTRODUCTION
- NEW SAMPLE WAND WITH GREATER ERGONOMICS AND SAMPLE INTRODUCTION
- REMOTE MONITORING VIA REMOTE CONNECT

*This portable, ergonomic desktop design features automated internal calibration to help decrease consumables usage, boost availability rates, and increase detection probability.*

### INCREASED USER EXPERIENCE

Results require minimal interpretation, allowing operators to concentrate on sample acquisition. On-board computer automatically logs all data, including time, date, sample analysis and system status. A comprehensive history of saved data and alarm files can be recalled and printed.

### COST EFFECTIVE

Automated internal calibration eliminates cost of purchasing & managing calibration traps. Low power consumption reducing cost to operate. Patented Regenerative dryer increases uptime and eliminates cost of dryer material replacements.

### PORTABILITY

Lightweight (28.65 lb/12.99 kg) with built-in handle for easy transport. Internal, one-hour battery allows instrument relocation without shut off, eliminating warmup time.

### RELIABLE

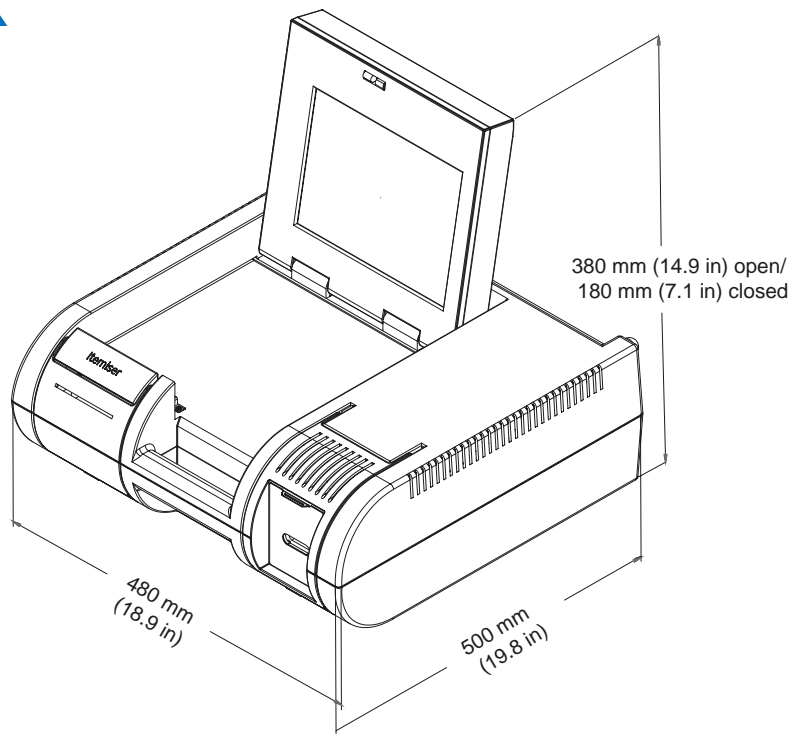
Maintains a low, stable humidity level in the detector, allowing for consistent and reliable detection results. High-capacity internal solid-state hard drive for reliable data storage. Includes preventative maintenance reminders (optional). Advanced diagnostics to ensure maximum availability and performance. New algorithms supporting increased detection performance.

### EASE OF USE

Non-radioactive ionization source removes shipping restrictions and licensing requirements. Ability to create custom substance libraries. Built-in printer for fast hard copy results or printing later. Quick analysis & results (approximately 8 seconds). On-board software keypad and help files. Automated, push-button maintenance can be scheduled.



# ITEMISER<sup>®</sup> 5X



## PHYSICAL SPECIFICATIONS

Dimension	L	19.8 in (500 mm) open 18 in (460 mm) closed
	W	18.9 in (480 mm)
	H	14.9 in (380 mm) open 7.1 in (180 mm) closed

Weight 26.65 lb (12.99 kg)

## TECHNICAL SPECIFICATIONS

Detector Type Ion Trap Mobility Spectrometer (ITMS)<sup>®</sup>

Analysis Time Default 8 seconds

Sample Acquisition Surface wipe (particulate)

Operating Temperature: 14 to 131°F (-10 to 55°C)

Protection Rating: 14 to 131°F (-10 to 55°C)

Power External AC to DC Power Supply  
Input 100-240 VAC, ~1.8 A, 47-63 Hz  
Output 15 VDC, 10 A, 150W

Battery Backup: Up to 60 minutes

Solid State Drive 256 GB

Operating System Linux

Display 10.4 in (26.4 cm) TFT-LCD monitor with resistive touch screen

Signal Processing Recognition on multiple peaks and explosives; output to 4 different display types, including bar graph display or time-of-flight plasmagram display

Detection Capability Explosives only, Narcotics only, Explosives/Narcotics Simultaneous. Aviation certified configurations will be explosive only

Data Transfer Two USB 2.0 ports; Ethernet port

