smiths detection

bringing technology to life

IONSCAN[™] 600

EXPLOSIVES TRACE DETECTOR



Feature Highlights

- Non-radioactive IMS source
- Easy to use interface requires minimal training
- Small, lightweight and portable
- Fully operational, hot-swappable battery
- Single-use manual swabs

The IONSCAN 600 is a next-generation, portable desktop system used to detect and identify trace amounts of explosives. It features a proprietary non-radioactive ion mobility spectrometry (IMS) source, which means no licensing or specialized handling is required for use.

Universal software icon commands make training and operation of the IONSCAN 600 fast and easy. Onboard diagnostics also assist operators with maintenance and offer troubleshooting for error resolution.

Sampling is vastly improved and done manually with cost-effective, single-use swabs, or with an optional low-cost, redesigned wand.

The IONSCAN 600 is optimized for minimal maintenance and features a robust design to help enhance productivity.

Weighing just 23 pounds, the IONSCAN 600 features a built-in handle that provides easy portability. A hot-swappable battery provides sampling and analysis capability while still in use. The system also offers unmatched performance throughout extreme temperature ranges.

IONSCAN 600 uses Smiths Detection's IMS technology, proven and trusted for the sensitivity needed in the detection and identification of a wide range of military, commercial and homemade explosives threats.

IONSCAN 600 is backed by ReachBack, first rate 24/7/365 service and support to ensure optimum product performance and delivers reliable, trustworthy performance consistent with high quality Smiths Detection solutions.

Technical Data IONSCAN 600

General Specifications

Detector type Sample collection Calibration Alarm method Consumables Expandability Connectivity Weight Battery Analysis time Warm-up time Data display Dimensions Operating temperature Operating altitude Operating humidity Explosives detection

Narcotics detection Printer Power Other Non-radioactive IMS source Trace particle Automatic internal self-calibration Substance identification with configurable audio alarm Low cost single-use swab, verification pen 4 USB 2.0 (2 front/2 back), 1 USB 3.0 (back) Ethernet, HDMI, Wi-Fi option, 4 USB 2.0 (standard, 2 front/2 back), 1 client USB 3.0 (micro, back) 23lbs (10.43ka) 1 hour back-up mode, 20 minutes full operation, hot swappable 8 seconds or less Less than 10 minutes 9" high resolution, anti-reflective, color touch screen 14.6 x 11.4 x 12.8in (37.1 x 29.0 x 32.5cm) 14 to 122°F (-10 to +50°C) 13,780ft (4,200m) 0 to 95% non-condensing Military, commercial and HMEs (RDX, TNT, PETN, NG, AN, UN, HMTD, TATP, EGDN, Tetryl, HMX, Sulfur, TNB, DNT and others) Available early 2015 External 90-264 VAC, 47-63 Hz Optional sampling wand, no hazardous parts, tamper proof



Optional wand for sampling.



Detection and identification results in 8 seconds or less.



Lightweight and easily portable for dynamic security screening environments.



For product information, sales or service, please go to www.smithsdetection.com/locations

Smiths Detection, 7030 Century Avenue, Mississauga, ON Canada L5N 2V8 Modifications reserved. 95595158 06/30/14 © Smiths Detection Group Ltd. - In some cases, the figures contain options IONSCAN is a trademark of Smiths Detection Group Ltd.

smiths detection