

IONSCAN 600

Explosives and Narcotics Trace Detector

Feature Highlights:

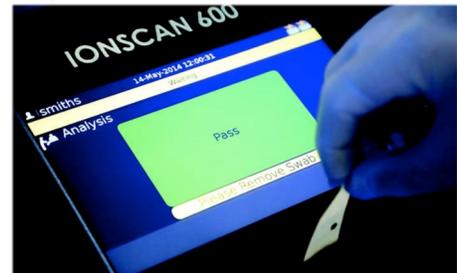
- Non-radioactive IMS source
- Detects explosives and narcotics
- Easy to use interface requires minimal training
- Small, lightweight and portable
- Fully operational, hot-swappable battery
- Single-use cost effective manual swabs
- Meets ECAC/EU explosives detection standard for cargo and passenger screening, and certified by CAAC for aviation screening with explosives/narcotics

The **IONSCAN 600** is a highly sensitive trace detector, in a light-weight portable desktop configuration. It features a proprietary non-radioactive ion mobility spectrometry (IMS) source, which means licensing from national nuclear regulatory agencies is not required.

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.

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

The **IONSCAN 600** provides accurate trace explosives and narcotics detection for global aviation and critical infrastructure markets.



SPECIFICATIONS

Detector type	Non-radioactive IMS source
Sample collection	Trace particle sampling using cost-effective single-use swabs with either manual or wand collection
Calibration	Automatic internal self-calibration
Alarm method	Substance identification with configurable audio alarm
Consumables	Cost-effective single-use swabs and verification pen
Connectivity	Ethernet, 4 USB 2.0 (standard, 2 front/2 back)
Weight	Non-printer version: 23.8lbs. (10.8kg); Integrated printer version: 25.3lbs. (11.5kg)
Battery	1 hour full operation, hot swappable for extended operating time
Analysis time	8 seconds or less
Warm-up time	Less than 10 minutes
Data display	9" high resolution, anti-reflective, color touch screen
Dimensions	Non-printer version: 14.8 x 12.0 x 12.9 in (37.7 x 30.4 x 32.7 cm) Integrated printer version: 15.1 x 15.6 x 14.8 in (38.3 x 39.5 x 37.7cm)
Operating temperature	14 to 122°F (-10 to +50°C)
Operating altitude	13,780ft (4,200m)
Operating humidity	0 to 95% non-condensing
Explosives Detection	Military, commercial and HMEs (RDX, TNT, PETN, NG, AN, UN, HMTD, TATP, EGDN, Tetryl, HMX, Sulfur, TNB, DNT, and others)**
Narcotics Detection (Standard Mode)	Amphetamine, Cocaine, Heroin, Ketamine, MDA, MDMA, Methamphetamine, Buprenorphine, THC and others**
Narcotics Detection (Fentanyl Mode)	Fentanyl, Acetylfentanyl, 3-Methylfentanyl, Butyrfentanyl, Furanylfentanyl, Carfentanyl, W-18, Cocaine, Heroin and others
Printer	Integrated printer (option at time of order only) or external USB printer
Power	100-240V AC, 50-60 Hz
Other	Optional sampling wand
Safety	No hazardous parts and tamper-proof casing

** Programmed threat substances depend on detector version and regulatory authority.