

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 lightweight portable desktop configuration. It features a proprietary nonradioactive 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 Sample collection Calibration Alarm method Consumables Connectivity Weight Battery Analysis time Warm-up time Data display Dimensions

Operating temperature Operating altitude Operating humidity Explosives Detection

Narcotics Detection (Standard Mode)

Narcotics Detection (Fentanyl Mode)

Printer Power Safety Non-radioactive IMS source Trace particle sampling using cost-effective single-use swabs with either manual or wand collection

Automatic internal self-calibration
Substance identification with configurable audio alarm
Cost-effective single-use swabs and verification pen
Ethernet, 4 USB 2.0 (standard, 2 front/2 back)
Non-printer version: 23.8lbs. (10.8kg); Integrated printer version: 25.3lbs. (11.5kg)
1 hour full operation, hot swappable for extended operating time

8 seconds or less

Less than 10 minutes

Less than 10 minutes
9" high resolution, anti-reflective, color touch screen
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)
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)**
Amphetamine, Cocaine, Heroin, Ketamine, MDA, MDMA, Methamphetamine, Buprenorphine, THC
And others**

Fentanyl, Acetylfentanyl, 3-Methylfentanyl, Butyrfentanyl, Furanylfentanyl, Carfentanyl, W-18, Cocaine, Heroin and others Integrated printer (option at time of order only) or external USB printer 100-240V AC, 50-60 Hz Optional sampling wand

No hazardous parts and tamper-proof casing

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

