INSIGHT 200M

Bottle Screening for Liquids, Aerosols and Gels

Insight200M - The Bottle Screener for Liquids, Aerosols and Gels

cobalt
Insight from Light

Overview Server System

For Centralised Insight System Management

Airport 1 · Terminal 1 · Terminal 2 · Airport 2
Site based data collection and network links

OVERVIEW

FIREWALL

Desktop devices · Mobile devices
Web capable devices password/SSL encrypted

Overview™ Management Software

Compliance Reporting Made Easy

- Configurable reporting for regulatory compliance and airport security management
- Diagnostics for continuous Insight System monitoring
- Centrally managed software upgrades and configuration set-ups for reduced downtime
- Compatible with SeMS software packages
- Runs on low-cost server hardware or on existing airport infrastructure
- Compatible with 3rd party checkpoint management systems

Contact Cobalt for more details

Approved **ECAC** Type B & A Standard 3

Clear

No Threat Detected.
Ready for next container...

Dimensions:	562mm wide / 536mm high / 417mm deep
Weight:	25kg

Types of container
- Glass: opaque, coloured, clear, frosted
- Plastic: opaque, coloured, clear, frosted
- Cardboard / Paper
- Metal containers: Tetra Paks, foil pouches, drink cans, food tins, tubes, aerosols

Container size
- Any shape up to 33cm (13") high and 20cm (8") wide
- Contents from 10ml to >3 litres

Contents
- Liquids, aerosols, gels and other consumer items
- Partially-filled containers and small liquid volume (≈10ml)
- Works with dense or viscous liquids, e.g., honey or syrup

Safety
- Class 1 laser system – interlocked
- CE marked

Power requirements
- 90-264VAC 50-60Hz
- <200W continuous

Connectivity
- Ethernet and USB 2.0

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CE
ISO 9001
LLOYD'S REGISTER-LRQA
ISO 9001

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CPN006-1-EN

INSIGHT 200M

PART OF THE INSIGHT RANGE

The Insight Range
Best-in-Class Liquids Screening

BEST *detection rate available - ECAC Standard 3*

LOWEST *operational false alarm rate - below 1% in EU airports*

FAST - *Scans all containers in ~5 seconds*

SPECIFIC *threat material identified and named*

IDEAL *as stand-alone system for all containers or for alarm resolution with EDS for cabin baggage (C2 or C3)*

The Insight™ range is the best-performing liquid explosive detection solution and is operationally proven with several hundred units in use throughout the EU, Asia and Australasia.

The Insight200M™ is the latest addition to the range. Improving upon the popular Insight100™ series, Insight200M screens all containers, including metals, with best-in-class detection performance and the lowest false alarm rate of any ECAC-approved scanner. The system is also smaller and lighter than its predecessor: Insight200M fits into security checkpoint operations with the lowest resource impact and highest screening throughput of any Type B LEDS solution.
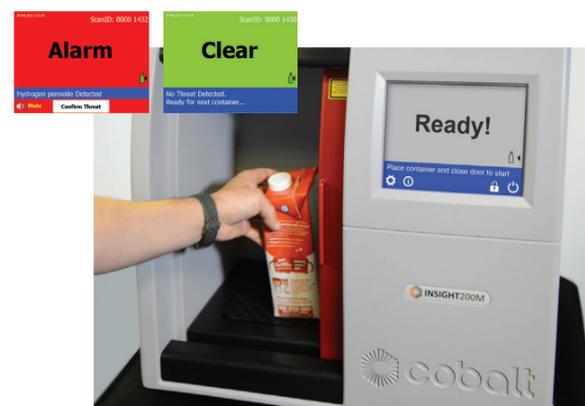
Future Proof

Spatially Offset Raman Spectroscopy (SORS), used in the Insight range, is ideally suited to the detection of explosives and precursors as well as a range of other potential threat materials such as flammable and toxic chemicals.

INSIGHT RANGE DEPLOYMENT

- ~70 European airports including 8 of the top 10 hubs
- Further deployments in Asia and Australasia
- Outstanding operational system reliability
- Low resource impact and improved passenger facilitation

Screens ALL container types including metals

Partially filled containers from 10ml

STEBs

ECAC Standard 3 Type A kit available

Lowest False Alarm Rates

The Insight range has proven false alarm rates (FAR) in the field as well as in laboratory tests. Operational FARs for non-metallic items from the first phase of LAGs screening in Europe are consistently better than 1%. Bottled water alone is especially impressive with FARs of just 1 in 4,000 bottles (≈0.02%). The new Insight200M, when tested using the standard ECAC test set, has a FAR ~10x lower than operationally demonstrated by the most widely used competitive products.

Category of items	FAR
All non-metallic containers	<1%
Water only (72 commercially available varieties)	≈0.02%
All containers including metals (Insight200M)	≈1.5%

Alarm

Clear

Ready!

Multi-language User Modes

Inspeccionando   Misurazione   Tariyor   筛查中

Insight200M Screening

The Insight200M screens all common containers including coloured glass, plastic bottles and tubs, cardboard / paper, metal tins and cans, Tetra Paks, aerosols and foil pouches – all in around 5 seconds.

The Insight Range

Improved Passenger Facilitation
Lowest operating costs of any Type B LEDs solution

~10x lower false alarm rate compared to competing LEDs solutions	Staff savings and passenger convenience: reduces the need for searches and interviews
Orthogonal technology complements EDS for cabin baggage	Results in extremely low residual false alarm rates
Rapidly and accurately screens ALL container types	Reduces the equipment types and the number of levels of screening needed
Intuitive operation	Minimal training, fewer operator errors
Extremely high reliability	Insight range consistently demonstrates >99.8% operational availability in the field

SCREENS ALL THESE CONTAINERS AND MORE