

How Much Are False Alarms Costing You?

Agilent Insight Series
alarm resolution systems



A lower-cost liquid explosive detection system (LEDS) or bottle liquids scanner (BLS) might seem like a good choice for your airport. But when it comes to understanding your total investment, think about factors like the high cost of false alarms. Slower analysis and higher false alarm rates result in longer overall resolution time, which, in turn, increases operator hours and expense.

To find out how false alarms might be affecting your airport's bottom line, select an Agilent Insight system and input your values into the boxes with arrows.

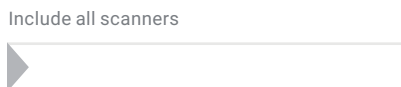
See results for: **Agilent Insight300M** (ECAC: For metal and nonmetal containers)
Agilent InsightBLS (TSA: For nonmetal containers)

Scan time

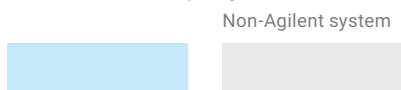
Time taken per scan



Number of scans per year



Total scan time per year

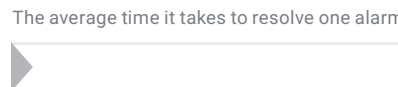


False alarm rate

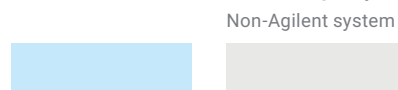
LED system false alarm rate



Alarm escalation time



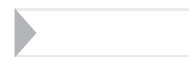
Total alarm resolution time per year



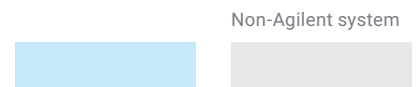
Operator expense

Operator hourly rate

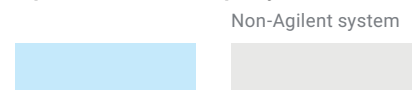
Your average operator hourly rate



Expense for all operators per year*



Operators needed per year*



* 36.5 hours per week/52 weeks per year.



The cost of false alarms adds up

When looking at the total expense of your next LEDS or BLS, there's more than just per-unit cost to consider. Learn more about the Agilent Insight Series.

www.agilent.com/chem/insight-series

Reduce operational costs and protect your airport's reputation

Resolving a false alarm from your liquid screening system could take hours—or even days per year—which can lead to substantial time and personnel costs. It could also jeopardize how passengers view your airport's service and security.

The Agilent Insight Series lets you confidently identify which substances pose an actual threat. It delivers best-in-class performance for liquid explosive detection, and its previous generation (Insight100/200M) has been operationally tested through more than 1,000 deployments worldwide.



Advantages of the Insight Series include:

- **A false alarm rate of 0.4–2.5%.** That's the lowest operational rate of any approved system on the market (configuration dependent).
- **Designed to meet the requirements for ECAC Type A and B and TSA BLS.** The Agilent Insight Series is designed to meet and exceed a range of detection requirements globally.
- **Best available detection rate.** The system identifies all potential threats, so your security team can make informed decisions about escalation.
- **No need to open containers.** Screen through clear and opaque containers—including metals and Security Tamper Evident Bags (STEBs).
- **Future proof.** Spatially Offset Raman Spectroscopy (SORS) lets you expand the system's capability through a simple software update.

Easy to use: Just place, screen, and detect

Nonmetal containers

1. Place the container against the nose cone and close the door.
2. Screening is completed in ~6–10 seconds.
3. The result is displayed with an audible alarm.

Metal containers

1. Place the container against the nose cone and close the door.
2. The Insight automatically detects the metal and requests further information.
3. Screening is completed in ~5 seconds.
4. The result is displayed with an audible alarm.

Ready to minimize the high cost of false alarms?

www.agilent.com/chem/insight-series

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This information is subject to change without notice.

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