

How Much Are False Alarms Costing You?

Agilent Insight200M multisensor liquid explosive detection system



A lower-cost liquid explosive detection (LED) system might seem like a good choice for your airport. But when it comes to understanding your total investment, you also need to 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, input your values into the boxes with arrows.

Scan time

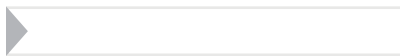
Time taken per scan

Agilent Insight200M Non-Agilent system



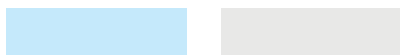
Number of scans per year

Include all scanners



Total scan time per year

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False alarm rate

LED system false alarm rate

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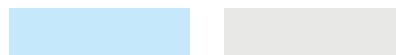
Alarm escalation time

The average time it takes to resolve one alarm



Total alarm resolution time per year

Agilent Insight200M Non-Agilent system



Operator expense

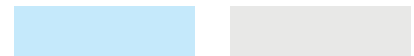
Operator hourly rate

Your average operator hourly rate



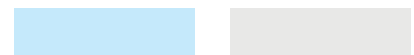
Expense for all operators per year*

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Operators needed per year*

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* 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 LED system, there's more than just per-unit cost to consider. Learn more about the Agilent Insight200M multisensor LED system.

www.agilent.com/chem/insight200m

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 Insight200M lets you confidently identify which substances pose an actual threat. It delivers best-in-class performance for liquid explosive detection, and it's been operationally tested through more than 1,000 deployments worldwide. Advantages include:

- **A false alarm rate of 2.5%.** That's the lowest operational rate of any European Civil Aviation Conference (ECAC)-approved liquid explosive detection system.
- **Certified to ECAC type A and B performance requirements.** The Insight200M is also approved by UK Department of Transport (DfT) for <100 mL.
- **Best available detection rate.** The system identifies and names 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 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 Insight200M 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/insight200m

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