

What is it?

NXT-Detect is a high-throughput trace detection system based on the Waters™ Radian™ mass spectrometer that combines precision with portability.

Identify explosives, drugs, and other compounds in seconds, thanks to low-nanogram sensitivity and near-zero error rates. NXT-Detect's intuitive design empowers even non-expert users with guided workflows and walk-up simplicity. Remote expert review and flexible library updates ensure the system stays ahead of evolving challenges. Deployable anywhere, NXT-Detect delivers instant clarity

Key Features:

- Rapid, accurate identification of explosives, drugs, and other compounds of interest.
- Unique ambient environment thermal source supports high-throughput analysis, results are delivered in seconds.
- Low-nanogram detection for exceptional sensitivity.
- Near-zero error rates for high-assurance results.
- Desktop-sized portability for versatile deployment
- Future-proof with easy library expansion
- Easy-to-use Scentinel™ II software empowers non-experts.



Applications:

From security to science, NXT-Detect delivers precision trace analysis:

- Secure: Uncover explosives, chemical threats, and more.
- Enforce: Analyse drugs, evidence, and contraband with confidence.
- Safeguard: Ensure food safety and quality control.
- Optimise: Monitor production processes for trace impurities.
- Protect: Track environmental pollutants and changes.
- Explore: Advance learning and discovery in science fields.

Contact MSA to learn more:

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