

InfinityLab LC/MSD iQ: Raise Your Lab's iQ with Ease



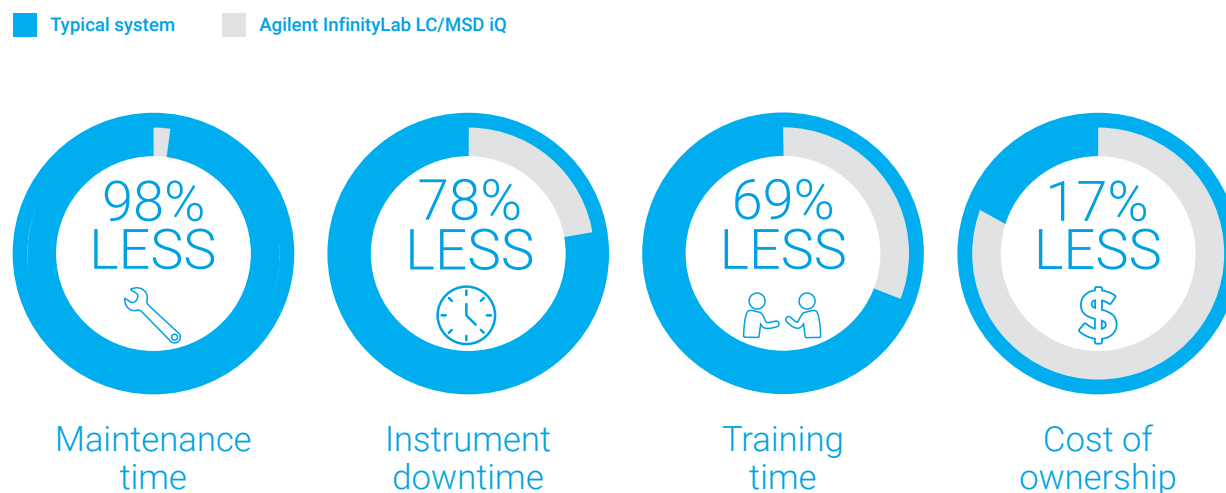
Add Credibility, Not Complexity

Built-in expertise

Transitioning to mass detection has always required investment in time and training, until now. Our revolutionary self-aware technology does away with the lengthy learning curve associated with new systems, so your lab can stay productive even when users are new to the system.

Less is more

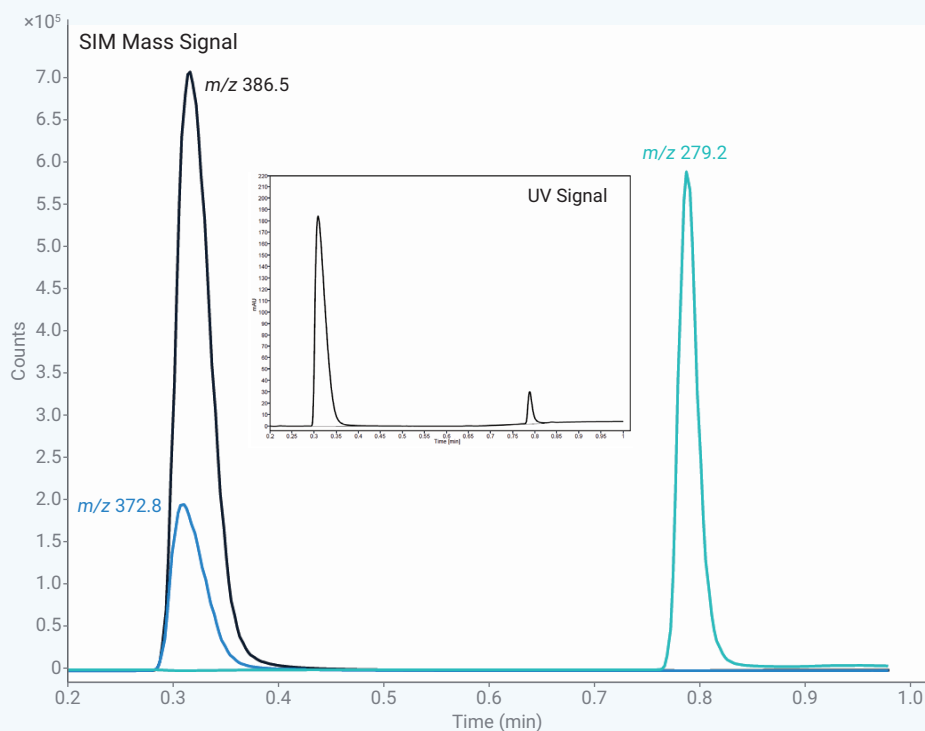
Agilent InfinityLab LC/MSD iQ is designed for ease of use and operation right from the start, so new users can reach maximum productivity in minimum time with less cost.



More Certainty, More Clarity, More Confidence

Simplified rigorous analysis

The advantage of mass detection is now user-friendly for all. The InfinityLab LC/MSD iQ system allows your lab to quickly identify compounds with more molecular information—even for those compounds that are chromatographically unresolved.



Two peaks seen in UV data (inset). Mass information demonstrates that the first peak is actually two co-eluting compounds.

LC/UV has been relied on for decades. Mass detection brings several advantages to your lab:

- Gain certainty with fast, reliable results
- Get back valuable time with accurate results from the start
- Keep pace with other labs and ever-changing testing requirements

Smart Mass Detection Meets Smart Software

Agilent OpenLab CDS makes it easy to add mass detection to your analytical toolbox. Whether you're performing data collection, analysis, or reporting, pairing your Agilent InfinityLab LC/MSD iQ with OpenLab CDS software helps you quickly transform analytical data into meaningful, dependable results.



Mass detection made easy

Not familiar with mass detection? No problem. Auto Acquire mode automatically establishes optimal MS parameters so you don't have to.



Bring staff on board quickly

Get staff up to speed with an easy-to-navigate interface and extensive visual help, including step-by-step interactive tutorials.



Do it right. On time. Every time.

Instantaneously deliver the exact results and interpretations you need by automating complex calculations and highlighting out-of-spec results.



Quickly master mass detection

Regardless of your experience with mass detection, you will quickly perform analytical characterization with built-in workflows for analyses such as sample purity and peak purity.



Build in quality

Success is built on good processes. With OpenLab CDS, you can ensure the right people are involved in data creation and review from start to finish.



Self-Aware to Keep You Steps Ahead

Designed to maximize uptime with fast, predictable maintenance

Thanks to our usage-based instrument health tracking, you can now have the power of mass spec with the simplicity, stability, and efficiency your lab has been asking for. In fact, your lab will be analyzing samples again in minutes—with short pump-down time.



Instrument health tracking

An intelligent early maintenance feedback system automatically tracks instrument state and predicts when services such as capillary cleaning or oil changes are needed.



Ventless maintenance

Perform routine maintenance and get back to running samples immediately, thanks to our VacShield technology.



Convenient access

Industry-leading design with intuitive access allows service without unstacking the LC. Modules incorporate cable-free connections with simple, fast, and worry-free plug-and-play components.



Stay Safe, Stay Flexible, Stay Focused

Ergonomically optimize your workflow

Modern lab trends have shifted to modular and flexible designs to accommodate rapidly evolving space and layout requirements. The Agilent InfinityLab Flex Bench MS optimizes and organizes your lab, creating the most ergonomic, accessible, and space-efficient setup.

When another lab needs urgent LC/MS access, bring the system to the location where it's needed most. The LC/MSD iQ runs on typical wall power and plugs in just as easily as an LC module.

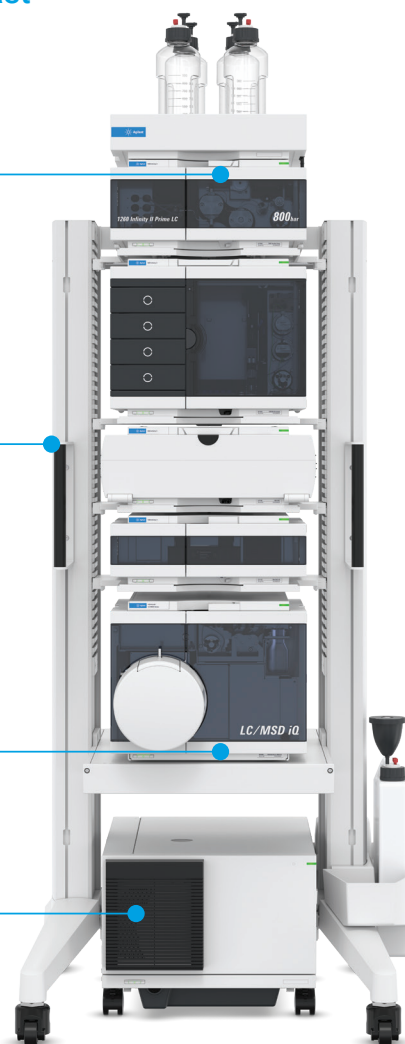
Integrated, ergonomic, and portable LC and MS together at last

Reduces total height of the InfinityLab LC/MSD series for more ergonomic and convenient access

Handles allow easy relocation to the most urgent locations

An extendable shelf provides top and side access to your mass spec

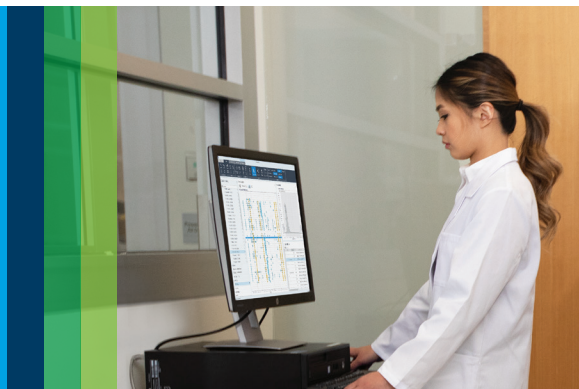
Integrated Quiet Cover reduces vacuum pump noise and creates a more comfortable work environment



Learn more about the InfinityLab Flex Bench Family at
[agilent.com/chem/flexbench](https://www.agilent.com/chem/flexbench)

Solutions for Open Access Labs

Intuitive access to mass detection



Grow your team's efficiency with MassHunter Walkup software

Whether in the pharmaceutical, academic, or chemical business, getting new chemists rapidly productive is key to meeting your business goals. Through decades of collaboration with labs like yours, we have developed open-access solutions that are as easy to use as they are effective. With just a few simple inputs, even the newest chemists can get mass data, purity information, and insight into their reactions on their first day.

Intuitive sample submission for new users

- No experience with instrumentation or data systems required
- Control user access for multiple instrument installations
- Flexible, reliable security management
- User roles allow tiers of access to LC/MS based on administrator setup
- Add permissions as users gain skills and experience
- Localized language support for English, Chinese, and Japanese to lower the learning curve further

Add samples throughout the run into the external sample tray without interrupting the run queue.



Drug Development

Better data drives better business

Our uniquely modern and intuitive OpenLab CDS software not only ensures ease of use and data integrity but also provides insights that drive better business decisions. In QA/QC environments, it's the most efficient, reliable software for data collection, analysis, reporting, and security.



Chemical Synthesis

Minimize errors and streamline analysis

Ensuring high-quality starting materials is key for chemical synthesis, whether in academia or industry. The LC/MSD iQ provides mass information to confirm the quality of your raw materials and final products. Plus, it allows you to monitor and optimize reaction synthesis with defined workflows and reports that help your lab save valuable time and money.



Academia

Brighten the future of young scientists

Universities need the best technology to accelerate breakthrough discoveries and win the race to publish key insights. But mass spectrometry has been unattainable for routine use, until now. The LC/MSD iQ provides intuitive and powerful mass detection at an affordable price, so you can propel your teaching and research labs to the forefront of science.



Food Production

Deliver your best

As the global supply chain increases, so does the chance of your business being affected by food adulteration. Whether you are manufacturing energy drinks, vitamin pills, or puppy food, the quality of your ingredients will determine the quality of your product and your reputation. The Agilent InfinityLab LC/MSD iQ provides key mass information for confident compound confirmation and quantitation of your starting ingredients.



Agilent InfinityLab LC Family

Reliable and efficient, always
innovating for your best result



Designed to work together for superior performance, the instruments, columns, and supplies of the Agilent InfinityLab LC family are rugged and reliable, and improve your workflow efficiency. InfinityLab LC components help every scientist get the most from their LC and LC/MS applications with innovations that improve uptime, minimize rework, and generally make things easier.



Agilent InfinityLab LC Series instruments are designed to be modular, giving you flexibility to ensure the best configuration for your LC and LC/MS applications.



The unique, superficially porous particle technology of InfinityLab Poroshell 120 LC columns is robust and flexible, enabling you to reliably achieve highest efficiency and resolution in your LC and LC/MS separations.



The innovative design of the InfinityLab Flex Bench MS gives you easy mobility to connect your LC to any MS in the lab quickly and conveniently.

More Versatility, More Performance

A full range of systems to meet your needs

When your applications demand more power, demand more analytical detail that only the Agilent InfinityLab LC/MSD Series can provide. Our family of LC/MSD instruments is designed to meet the full range of your requirements.



LC/MSD iQ

The LC/MSD iQ provides essential mass detection to quickly confirm compounds and provide more specificity and selectivity than a UV detector.



LC/MSD

The LC/MSD provides the next level of flexibility, performance, ease of use, and more insight for routine analysis.



LC/MSD XT

The LC/MSD XT brings ultimate analytical power to your large molecule chromatography by adding mass analysis.

Agilent CrossLab

Real insight, real outcomes

CrossLab is an Agilent capability that integrates services, consumables, and lab-wide resource management to help laboratories improve efficiency, optimize operations, increase instrument uptime, develop user skill, and more. Our industry-leading services keep your instruments running at peak performance and include instrument technology refresh, application consulting, repairs, preventive maintenance, compliance verification, and education.

Agilent CrossLab supports Agilent and select non-Agilent instruments, and provides consultative support for workflow enablement, lab analytics, compliance, inventory management, and asset management, including relocation services.

Learn more about Agilent CrossLab, and see examples of insight that leads to great outcomes, at: **[agilent.com/crosslab](https://www.agilent.com/crosslab)**

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