



**HIGHER IMPACT LC/MS
DIAGNOSTICS**

AGILENT *IN VITRO*
DIAGNOSTIC MEDICAL DEVICES
FOR CLINICAL LABORATORIES



Agilent Technologies



**AGILENT IN
THE CLINIC—
THE PARTNER
YOU TRUST**

Agilent's commitment to quality

When a diagnosis is on the line, confidence is everything—and instrument performance and reliability are vital. For decades, Agilent has provided instruments, service, and support to researchers and analysts who understand the direct relationship between quality and confidence.

In the United States, the FDA defines a medical device as an instrument, or reagent, that is intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease, in humans and animals.

Agilent has expertise in the production of robust and reliable Class I LC/MS medical devices needed for success in clinical diagnostics. All Agilent LC/MS medical devices are developed and manufactured following FDA Quality System Regulations (21 CFR Part 820). Compliance with these quality regulations ensures that your medical device is meeting the standards the FDA expects of instrumentation used in the clinical laboratory.

Whether you are using mass spectrometry for the first time or you are an experienced mass spectrometrist, Agilent provides expert support, training, and structured service and maintenance plans to meet your needs. We are here to ensure your systems are running at peak performance and with maximum uptime.

WE'RE HERE TO HELP

Expert technical support when you need it

Integrating mass spectrometry into your lab is a big decision. Choosing Agilent assures you the support you need to implement the best workflow for your lab.

With a dedicated Agilent engineer at your side, you have an experienced partner to help you characterize your needs and identify the right way to make it happen—a partner who will stay with you through your method development.

Make sure Agilent experience is part of your strategy for continued success.





WE'VE GOT YOU COVERED

Financing and leasing options

Financing can help optimize cash flow and preserve credit availability from other sources.

Agilent has relationships with finance partners who understand the needs of clinical diagnostic laboratories, and can provide flexible finance plans to suit a variety of clients from start-ups to established business operations.

In addition to supplying finance options for the broad Agilent medical device instrument portfolio, our finance partners can also support complementary products for use with your Agilent system to help you meet your analytical and sample throughput goals.

INFINITELY MORE CONFIDENT LC SEPARATION

Agilent 1260 Infinity LC Clinical Edition

Agilent brings our proven reputation as the industry-leading provider of analytical LC solutions to medical devices.

The **1260 Infinity LC Clinical Edition** sets higher standards in quality and value to give you greater confidence as you establish your Lab Developed Test (LDT).

Clinical LC configuration

Agilent offers an LC stack ideally suited to support clinical analysis.

1260 Infinity High Performance Autosampler Clinical Edition (K1367)

1290 Infinity Thermostat Clinical Edition (K1330)

1260 Infinity Binary Pump Clinical Edition (K1312)

1260 Infinity High Performance Degasser Clinical Edition (K4225)

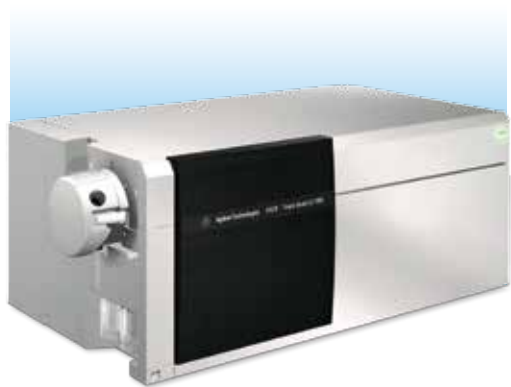
1260 Infinity Thermostatted Column Compartment Clinical Edition (K1316)



SUPERIOR SENSITIVITY WITH PROVEN PERFORMANCE

Agilent Triple Quadrupole LC/MS systems

Quantitative analysis is a critical capability for clinical laboratories, where compounds of interest are typically extracted from bodily fluids and subsequently analyzed by LC/MS/MS. Agilent Triple Quadrupole LC/MS systems offer superior sensitivity, renowned performance reliability, and whole-system robustness—all essential for quantitative analysis in the clinical laboratory. Agilent offers two medical device instruments to meet your needs.



6420 Triple Quadrupole LC/MS (K6420)

Offers excellent productivity for routine quantitation with robust performance. Provides fast polarity switching for positive/negative ion analyses. Use Dynamic Multiple Reaction Monitoring (dMRM) to streamline multianalyte method development.

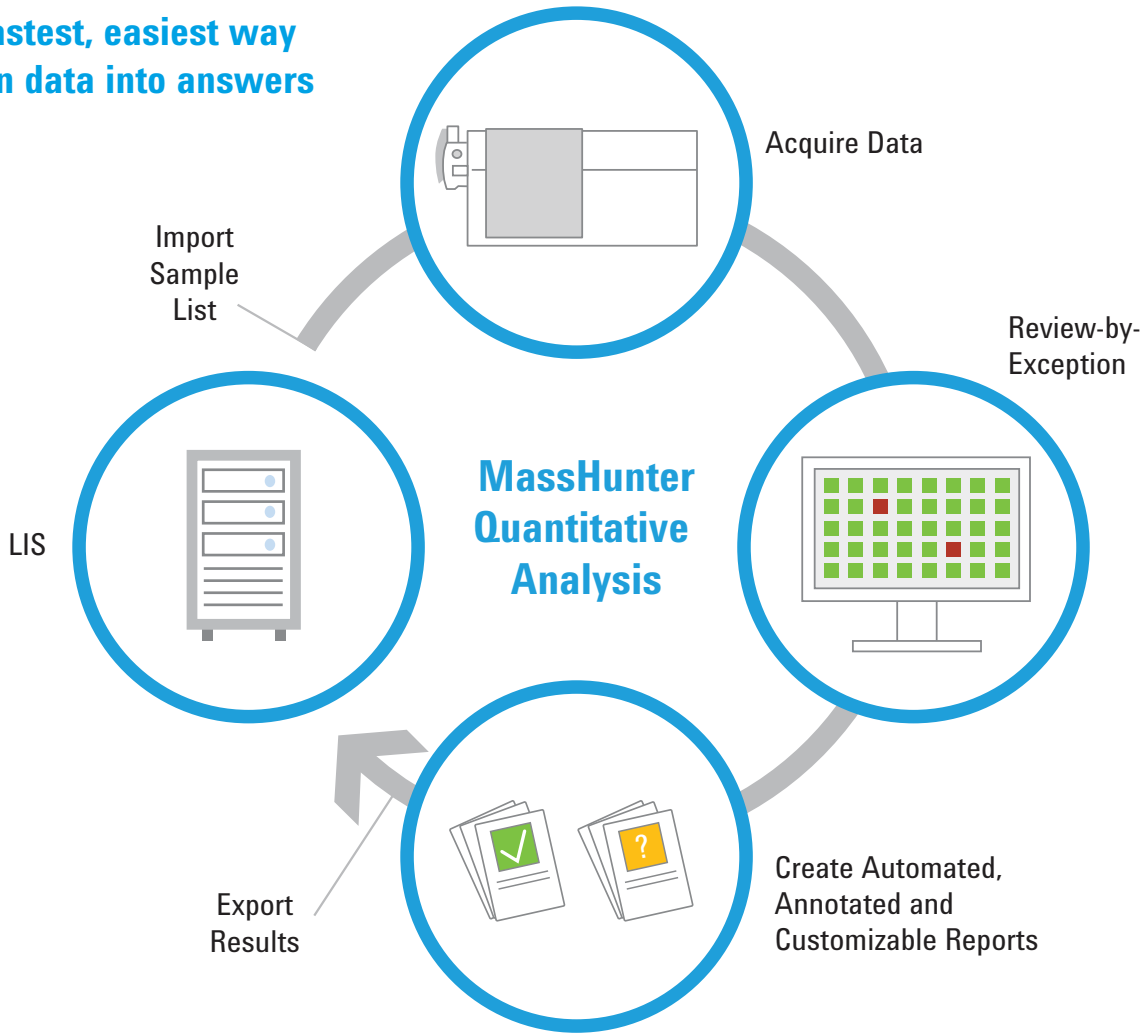


6460 Triple Quadrupole LC/MS (K6460)

All the benefits of the K6420, but with the Agilent Jet Stream ion source to provide excellent sensitivity for analytes in complex matrices. This workhorse instrument can maximize efficiency with Dynamic Multiple Reaction Monitoring (dMRM) and use Triggered Multiple Reaction Monitoring (tMRM) for simultaneous quantitation and confirmation.

POWERED BY MASSHUNTER

The fastest, easiest way to turn data into answers



Quantitative analysis with MassHunter

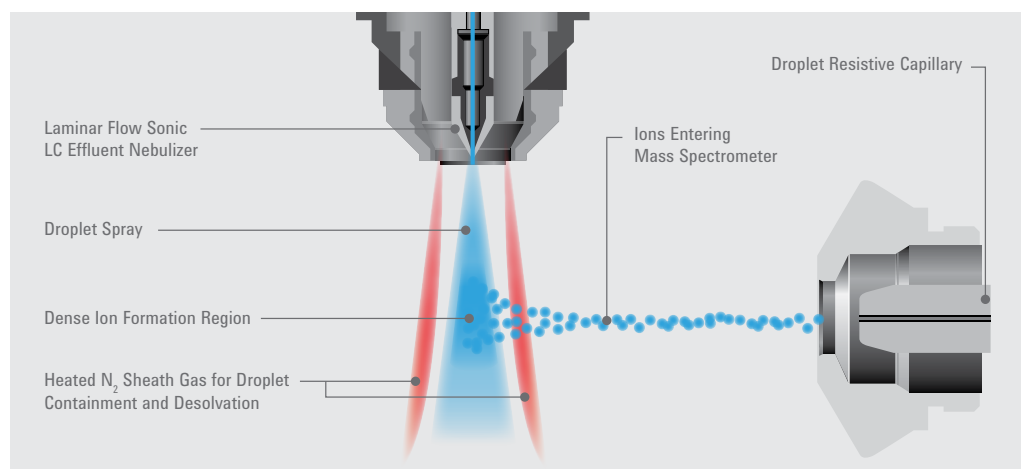
The perfect partner for your Laboratory Information System (LIS) and Agilent LC/MS medical device, MassHunter Acquisition and Quantitative Analysis software are integrated to facilitate efficient sample list import from your LIS, data acquisition, automated data

processing based on your customized method, rapid data review-by-exception, automated custom reporting, and seamless export of analytical results back to your LIS.

THE SOURCE OF YOUR SUCCESS

Agilent ion sources

Reliable clinical mass spectrometry results depend on efficient and effective ionization. Agilent offers different sources employing different methods of ionization, helping to ensure you get the optimal performance for your needs.



Agilent Jet Stream technology uses a heated Nitrogen sheath gas to increase the efficiency of desolvation.



Agilent Jet Stream technology

Improves ion generation and desolvation, for greater signal and reduced noise.



Electrospray Ionization (ESI) source

Excellent sensitivity and robust, reliable performance; generates both positive and negative ions, with scan-by-scan polarity switching to double the information from a single run.



Atmospheric Pressure Chemical Ionization (APCI) source

A popular complement to electrospray, and commonly used to analyze smaller, thermally stable compounds; generates both positive and negative ions, with scan-by-scan polarity switching.

Agilent CrossLab

From Insight to Outcome

WE KEEP YOUR LAB WORKING. BETTER.

Agilent CrossLab service and support

Maximize uptime with end-to-end support

You can trust Agilent CrossLab service experts to deliver valuable insights and keep your instruments running at top performance. Our industry-leading services—tailored to meet your needs—include instrument refresh, application consulting, repairs, preventive maintenance, and education. Ask us how we can support your laboratory today.

Ensure your medical device meets FDA quality standards

It's critical to ensure your medical device is conforming to FDA quality standards and Agilent will partner with you to ensure your system remains in compliance. As part of our premium diagnostics service offering we will maintain all records of service delivered by your Agilent service advisor and ensure checkout verification procedures are completed per quality standards. Trust the Agilent experts who understand your technology and service needs best.

Agilent CrossLab service plans

Today's labs face complex challenges that require the support of a true service partner. Agilent CrossLab service plans maximize your lab's productivity and keep your operations running smoothly, day after day. Agilent provides the flexibility to choose the level of support for your medical devices that best meets your needs and budget.

GOLD — For high-throughput and mission-critical systems, we minimize instrument downtime by offering our highest priority response time and a ready supply of parts.

SILVER — Covers repairs and annual maintenance for dependable lab operations, fewer workflow disruptions, and optimized laboratory productivity.

BRONZE — To protect your lab from unplanned repair costs and extended instrument downtime.

PREVENTIVE MAINTENANCE — The cost-effective, proactive solution for peak performance and prolonged instrument life.

SOFTWARE MAINTENANCE — Receive all Agilent software upgrades and updates through a convenient online portal.

AGILENT CROSSLAB SERVICE CONTRACTS

Agilent CrossLab offers three unique levels of repair, maintenance, and compliance support for all major Spectroscopy, LC, GC, and MS models:



Agilent CrossLab GOLD

Priority coverage with ultimate uptime. Get all the benefits of our Silver plan, plus VIP advantages like next-business-day response, onsite parts storage, 24/7 call logging, dedicated account service engineer, and quarterly status reviews.



Agilent CrossLab SILVER

All the benefits of our Bronze plan, plus annual preventive maintenance.



Agilent CrossLab BRONZE

Total onsite hardware repair coverage at a fixed annual price.

	Gold	Silver	Bronze	Preventive Maintenance	Software Maintenance
Services included in all CrossLab agreements					
Contact-level Preferred Response vs. T&M	✓	✓	✓		
Hardware Telephone Support	✓	✓	✓		
Software Telephone Support	✓	✓	✓		✓
All Agilent Software Revisions					✓
Onsite repair services					
Unlimited Onsite Repair Visits (travel & labor)	✓	✓	✓		
Parts Required for Repair	✓	✓	✓		
Consumables/Supplies Required for Repair,* including liners, seals, tubing, assemblies, and multipliers	✓	✓	✓		
Maintenance services					
Annual Onsite Preventive Maintenance	✓	✓		✓	
High availability services					
Next-business-day Response	✓				
Onsite Parts Cache	✓				
Assigned Service Engineer/Manager	✓				
Quarterly Status Reviews	✓				

* Per local parts replacement policy.

Learn more

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