

[CHROMATOGRAPHY SOLUTIONS]

WHAT WILL YOU BE
ASKING?

Waters
THE SCIENCE OF WHAT'S POSSIBLE.™

How confidently can you answer
your important questions?

Is there an appropriate biomarker?
Are there any environmental factors?
Is there an effective treatment?

Can the disease be understood?

Does it meet specifications?
Were there deviations in the
manufacturing process?
Does it contain toxic or
allergenic substances?

Have we proven safety?

Can I meet my regulatory guidelines?
Do I have confidence in my results?
Am I compliant with the latest guidelines?

Is my data defensible, accurate, and secure?

You need answers – we're here to help

In your busy lab, it's critical to answer today's questions while preparing for tomorrow's opportunities. With Waters™ chromatography solutions, you can access the quality data you need whenever and wherever you operate, all through a comprehensive separations science portfolio. With Waters as your partner, together we can formulate the ideal analytical strategy to take your science to the next level – because when your lab is at peak performance, the world benefits.

Reliable answers for better decisions

For over 60 years, Waters has been dedicated to helping scientists meet their requirements and achieve their analytical goals, all with a steady stream of ROI-increasing chromatography innovations for some of the most demanding applications across industries.

Waters offers world-class technical and application support as demonstrated through our ACE Award-winning service. Coupled with unrivaled chromatographic fidelity and informatics software, and the newest system and column chemistry innovations, we help you overcome previously unsolvable scientific challenges. With Waters as your partner, you'll join tens of thousands of chromatography champions worldwide and stay competitive and productive – so you're ready to tackle all of your biggest questions.



In 2020, SelectScience awarded Waters Seals of Quality for ACQUITY™ Arc™ and ACQUITY UPLC™ Systems



For the past 25 years, Waters Empower™ Software has remained the chromatography data system of choice with 500,000+ users worldwide on 5,000+ networks



Waters maintains a substantial analytical [research library](#), searchable across applications, accessible to you and the entire global scientific community

Purpose-built to instill confidence

Your work is critical. You can't afford compromised chromatographic results or questionable data validity. Your results need to be right the first time, and Waters instruments, chemistries, informatics, and support deliver the chromatography performance you need to do just that – all designed with usability, scalability, transferability, and reliability top of mind. When the answers matter – scientists choose Waters.

USABILITY: EXCEPTIONAL RESULTS FROM A SIMPLE EXPERIENCE

Get the uncomplicated user experience you expect with our informatics platforms, whether that's on a liquid chromatography (LC) system with optical detection for routine analysis or a triple quad mass spectrometer (MS) for trace-level analysis.



SCALABILITY: HARNESS GROWTH AND SCALE

Scale to meet your needs while minimizing the time from sample to result across LC configurations, columns and consumables, informatics, and solvents.



TRANSFERABILITY: YOUR METHODS,
WHERE YOU NEED THEM

As you develop, migrate, or transfer your longstanding LC methods, rely on Waters to keep them fit-for-purpose as they move from research to development to everyday use.



SUPPORTABILITY: SEE OPPORTUNITIES,
NOT CHALLENGES

With the extensive Waters portfolio of instruments, services, and support, your lab can be more productive than ever – and stay that way, too.



No matter your question, Waters has your solution

You need to deliver results more quickly, safely, and consistently than ever before. With Waters as your analytical partner, you're sure to get the tailored solution you need to achieve your workflow and analysis requirements. Find out more about our Performance, Flexibility, and Dependability LC solutions that are purpose-built for your priorities.



PERFORMANCE

The very best in chromatography.

Performance UHPLC systems are optimized for sub-2.0- μ m particle columns and ideal for maximizing the sensitivity, repeatability, and robustness of LC and LC-MS applications.



FLEXIBILITY

Adaptable to your sample complexity.

Flexibility systems are upper-tier HPLCs and entry-level UHPLCs designed for method development, method transfer, and routine analysis with 2.5–5.0 μ m column chemistries.



DEPENDABILITY

Accurate analysis for all.

Dependability HPLC system that is reliable, accurate, and easy to operate for everyday separations and method transfers, optimized for 3.5–5.0 μ m column chemistries.



Performance: The very best in chromatography

Maximizing the sensitivity, repeatability, and robustness of your LC and LC-MS applications is critical. With Waters Performance LC systems, you can:

- Improve separation resolution and reproducibility
- Get peak chromatographic performance for complex applications with sub-2.0- μm particle columns
- Enhance selectivity across molecule types and matrix complexities

Our portfolio of Performance systems are typically paired with MS technologies and include the ACQUITY™ Premier System, ACQUITY UPLC I-Class PLUS System, and the ACQUITY UPLC M-Class System with nano- to microscale capability. Enhance the characterization of your samples while improving productivity. To see the full line of Performance solutions, visit: waters.com/performance

FEATURED SOLUTION: The ACQUITY Premier System with the Xevo™ TQ-XS System *A step change in chromatographic performance*

Improve peak shape and reproducibility for virtually all metal-sensitive compounds with the next evolution of ultra-low dispersion, high resolution UHPLC technology: the ACQUITY Premier System and Columns with MaxPeak™ HPS Technology. Pair with the Xevo TQ-XS System to confirm the broadest range of compounds in the most complex samples or higher confidence in your results.



*Systems optimized for sub-2- μm column chemistries
for the highest in chromatographic performance.*

Flexibility: Adaptable to your sample complexity

Get the flexibility and compatibility you need at all performance levels for easy method development, reliable method transfer, and uncomplicated routine analysis. With Waters Flexibility LC systems, you can:

- Meet your complexity, sample quantity, and time-to-result requirements
- Scale performance on legacy methods
- Achieve accurate results across everyday and complex samples

With our portfolio of Flexibility systems, including the Arc Premier and ACQUITY Arc Systems, you'll get the flexibility you need to adjust to your analytical HPLC needs. Optimized for use with 2.5–5.0 μm column chemistries, Flexibility systems provide the reliability, robustness, and reproducibility you need to succeed. To see the full line of Flexibility solutions, visit: waters.com/flexibility

FEATURED SOLUTION: The Arc Premier System

See clearly and consistently, with confidence

Future-proof your lab for next-generation compound analysis and method transfer with the Arc Premier System and MaxPeak HPS Technology. With Arc Premier Systems and MaxPeak Premier Columns, you can sharpen peak shapes for metal-sensitive compounds and improve data quality – for better reproducibility and precision.



*Systems optimized for 2.5–5.0 μm column chemistries
for flexible legacy and complex sample analysis.*

Dependability: Accurate analysis for all

You need cost-effective, highly reliable analysis for your everyday applications – but that can't come at the expense of data quality. With Waters Dependability LC systems, you can:

- Achieve highly efficient and reliable HPLC separations with peace of mind and ease
- Get the industry-leading, compliance-ready feature sets for data that is reliable, accurate, and trustworthy
- Easily upgrade as your lab expands

Waters Dependability solution ensures peace of mind for a broad range of users with reliable and easy-to-operate systems. With more than 50,000 systems in service today, Waters HPLC systems minimize variability and facilitate reliable method transfer – making them proven, practical choices for your quality analysis. To see our Dependability solution, visit: waters.com/dependability

FEATURED SOLUTION: The Arc HPLC System

Performance you need, results you can trust

Maintain data quality without revalidating your existing methods with the Arc HPLC System. Count on the Arc HPLC System for high precision and reproducibility, so you can meet your regulatory requirements with confidence.



*Systems optimized for 3.5–5.0 μ m column chemistries
for time tested, dependable HPLC methods.*

Specialty Systems: Specialized solutions for your unique needs

Tailoring your chromatographic requirements is easy with our fit-for-purpose solutions that effectively address your application-specific workflows, analyses in complex matrices, and production environment operating constraints.

- Address your requirements with systems designed for a specific type of chromatography
- Systems designed to easily integrate into your environment
- Turnkey system/method/chemistry kit solution for specific applications

FEATURED SOLUTION: ACQUITY APC™ SYSTEM: SMARTER, FASTER INSIGHT INTO YOUR MATERIALS RESEARCH

Waters ACQUITY Advanced Polymer Chromatography™ (APC) System is at the forefront of separation technology, defining the ultimate in high resolution chromatographic separations, delivering more information about your materials samples faster than ever before. This means better characterization, improved asset utilization, greater analytical flexibility, and a superior solution for achieving your corporate innovation and sustainability goals.



ACQUITY APC System configured for automated bank switching of both APC and GPC columns, 4.6 mm-ready with optional column kits available, powered by Empower CDS.

Our Specialty Systems remove complexity and improve efficiency. To see our full line, visit [waters.com/systemsolutions](https://www.waters.com/systemsolutions)

Purification Systems: A wide range of scale and throughput capabilities

Synthesize, identify, isolate, purify, characterize, screen, and test your compounds with confidence. Our flexible, preparative-scale separations portfolio delivers substantial increases in throughput, with an added dose of system robustness.

- A comprehensive offering spanning single sample to high-throughput purification
- Scalable configurations for your semi-automated applications and fully automated, mass-directed approaches from microgram to kilogram quantities
- Environmentally-friendly solutions for even your most challenging purification needs

FEATURED SOLUTION: LC PREP AUTOPURIFICATION SYSTEM: SATISFY ALL PURIFICATION REQUIREMENTS WITHOUT COMPROMISE

The ideal system, offering a robust, scalable solution with its flexible, expandable platform that grows with your lab's needs – from UV-based fraction collection of a few dozen samples to mass-directed purification, when your workflow demands high-throughput, parallel runs for selective fraction collection.



LC Prep AutoPurification System with SQ D2 Mass Detector.

Our Purification Systems make high-quality purification more accessible. To see our full line, visit [waters.com/purificationsystems](https://www.waters.com/purificationsystems)

Columns and Consumables: Quality technologies for reproducible results

Meeting your lab's high standards for performance, reproducibility, and quality is critical to achieving results you can trust. With innovative, consistent Waters columns and consumables, you have the partner and technologies you need for your most difficult challenges.

MAXPEAK^{HPS}

MaxPeak High Performance Surfaces (HPS) are new and innovative technologies designed to increase analyte recovery, sensitivity, and reproducibility by minimizing analyte/surface interactions that can lead to sample losses. Combined with trusted chemistries in ACQUITY Premier and MaxPeak Premier Columns, and sample containers with QuanRecovery[™] Vials and Plates, you can see and do more, with confidence.

COLUMNS

Achieving consistent, long-term performance and batch-to-batch reproducibility over your analytical method lifetime matters. Waters columns are holistically designed with Waters instruments to maximize your chromatographic results, with fully integrated, stringent manufacturing process controls to reduce risk of method variation.

SAMPLE PREPARATION PRODUCTS

Standardize and simplify your research with proven sample preparation tools for your LC and LC-MS analysis. Maximize sensitivity, increase throughput, and enhance your development of robust methods.

ANALYTICAL STANDARDS AND REAGENTS

Enhance your productivity, strengthen compliance, and stimulate your business growth with certified reference materials, standards, controls, and reagents specifically designed to complement Waters LC and LC-MS technologies.

VIALS

Easily reduce risk for your LC and MS analyses with the ideal vial for your sample – for more consistent, cost-effective results.

Learn more at waters.com/chemistry

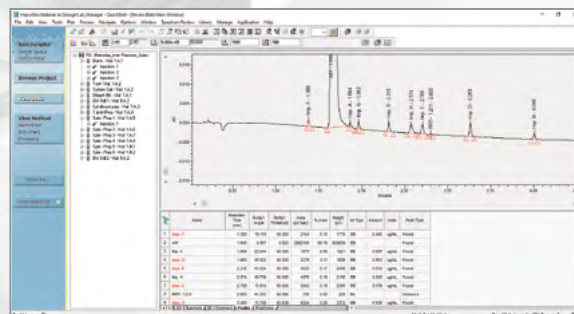


Informatics: More informed decisions start here

Whether you'd like to improve quality, data integrity, or time to market, you can optimize your laboratories from discovery to manufacturing with the Waters Informatics platform suite. Capture, analyze, and manage your LC and MS data to easily conduct scientific searches, scale to networks, manage compliance, and streamline operations.

EMPOWER CHROMATOGRAPHY DATA SYSTEM

Easily scale from a single workstation to an enterprise-wide network. Work from the bench, across sites, or even remotely with on-premise or cloud options. With Empower Software, you'll have the industry's most advanced data acquisition, management, processing, analytics, and reporting capabilities in a traceable environment where you have full control of your most critical asset: your data.



Empower Software has a simple interface with a workflow that guides you from data acquisition through generating results and tailored reports. Leverage compliance tools to meet your needs, and automate calculations like System Suitability, Impurities, GPC, and Dissolution, or create your own. Simplify chromatographic method development and validation with spectral analysis of PDA and MS data and Method Validation Manager.

waters_connect™ PLATFORM FOR LC AND LC-MS APPLICATIONS

Accelerate end-to-end scientific workflows and power applications with waters_connect, a scalable platform that delivers new standards of usability, scientific outcomes, and compliance. Gain confidence with functionality that includes compliant-ready electronic signatures, electronic reviews, data integrity controls for traceability, and secure data management. With waters_connect, access applications and make upgrades with ease for the ideal workflow experience.

MASSLYNX™ SOFTWARE

Simplify interactions with your MS system through the power of MassLynx Software, which has software features built around the focus of your analysis – the sample.

NUGENESIS™ LAB MANAGEMENT SYSTEM

Drive efficiencies and compliance across your product lifecycle with NuGenesis, which uniquely combines data, workflow, and sample management capabilities. Intelligently aggregate, reliably store, and easily access your data from multiple systems, including Empower Software. With NuGenesis, you can seamlessly link data from your lab to business operations – all without the complex, costly, and time-consuming deployments of traditional information management solutions.

Learn more at waters.com/informatics



waters_connect™



MassLynx™



Global Services: Answering your questions – together

You need to protect your investments, but that requires in-depth, current knowledge across technologies, markets, and regulations. Waters Service Organization experts are here to help, with the insight you need to maintain peak performance, minimize downtime, address application challenges, and support stringent compliance requirements.

EXPERT CENTER SUPPORT

When you need answers, you need them right away. With the Waters Expert Center, you'll get the help you need to diagnose and resolve your issues remotely – all from fully trained and certified Waters personnel with extensive knowledge of our instruments, chemistries, and informatics.

FLEXCHOICE™ MYSYSTEM COVERAGE*

Your lab has unique requirements, so you need personalized, flexible support with maintenance and service options. With Waters FlexCHOICE Instrument Service Coverage, you can select mySystem Coverage and customize your system-level services and support – all with the Waters high standard of performance.

COMPLIANCE SERVICES

Meet your regulatory guidelines and simplify your validation, qualification, and record-keeping processes with Waters compliance services.

PROFESSIONAL SERVICES

Increase efficiencies and reduce costs with our comprehensive suits of consultative services*, software applications, and analytical business tools.

EDUCATION SUBSCRIPTIONS

You need to get your lab up to speed quickly. With Waters Education Subscriptions, you can easily budget for 12 months of training in a variety of modes – eLearning, Remote Instructor-led Training, On-site Training, or Regional Classroom Training. Training can cover any product in the Waters portfolio, including instruments, informatics, and chemistry/consumables.

**Some services may not be available in all regions. Contact Waters or your local Waters representative for details.*



Waters Capital: Making science more accessible

Providing for what your laboratory needs today and planning for tomorrow requires flexibility, and that's where Waters Capital™ comes in. With a variety of flexible capital, financing, and leasing options, pushing the boundaries of science is more accessible than ever before. With Waters Capital*, you can:

- Gain access to the latest innovations, technologies, and expertise
- Maximize resources and minimize risk with affordable repayment options
- Work with a highly responsive team committed to your success

For more information, visit waters.com/waterscapital

*Waters Capital varies by region. Contact your Waters rep for details.



Waters LC Solutions: The answers you've been looking for

As a scientist, your day begins with questions and should end with clear, accurate, reliable answers. Learn more about how Waters solutions can answer your questions at waters.com/lcportfolio

WHAT WILL YOU BE ASKING?

Learn more about our solutions designed to answer your questions at waters.com/lcportfolio

waters.com/lcportfolio

For your local sales
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