

**SYNERGY FOR
PRODUCTIVITY AND
PERFORMANCE**

Waters
THE SCIENCE OF WHAT'S POSSIBLE.®



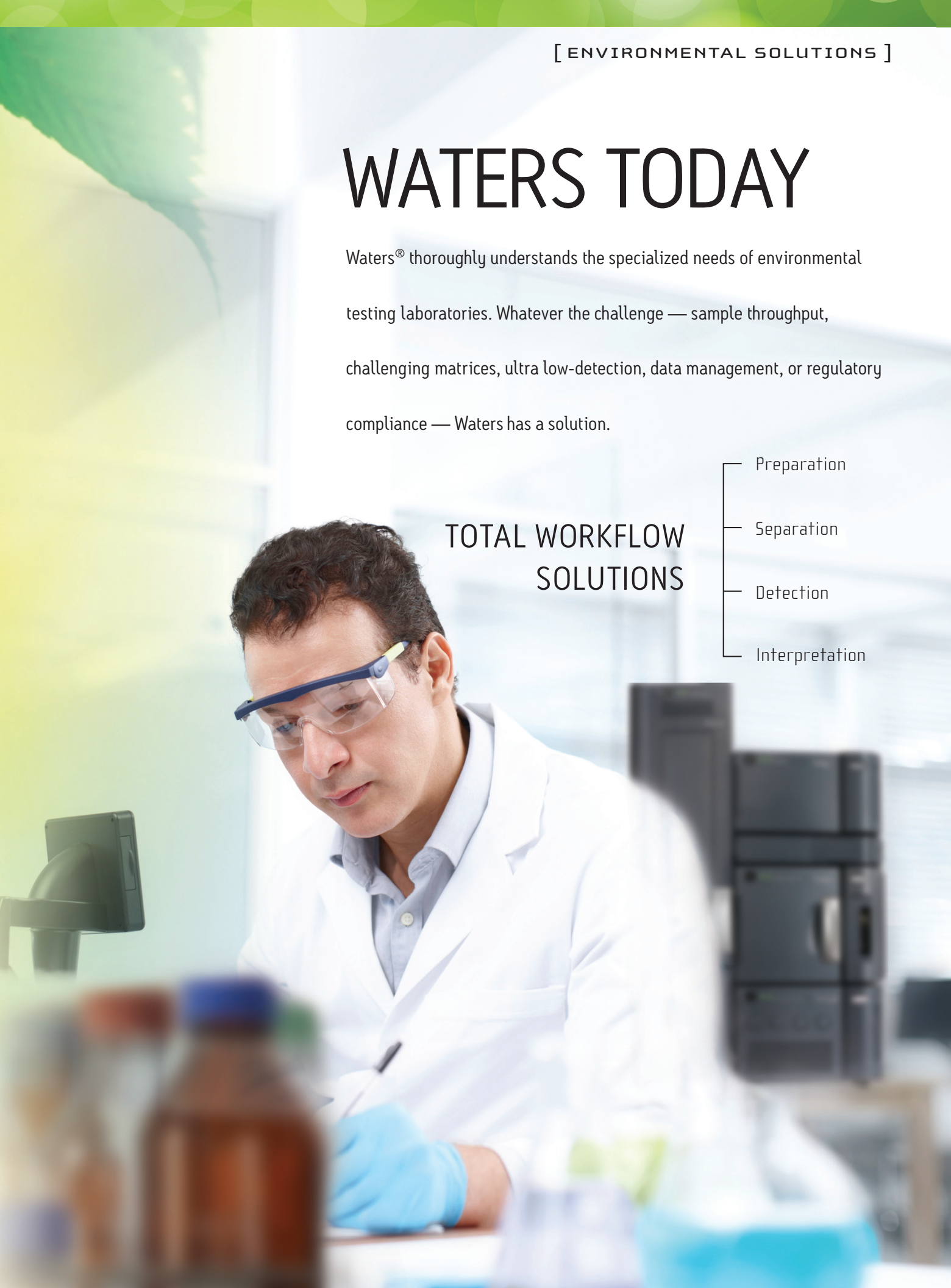
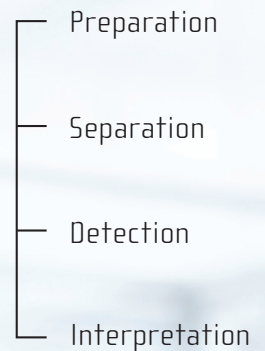
THE WORLD TODAY

Industrial growth. Agricultural processes. Municipal waste. Each poses a real threat to the environment and human health. It is critical that governments and businesses seek out the most effective analytical innovations to detect and identify chemical contaminants.

WATERS TODAY

Waters® thoroughly understands the specialized needs of environmental testing laboratories. Whatever the challenge — sample throughput, challenging matrices, ultra low-detection, data management, or regulatory compliance — Waters has a solution.

TOTAL WORKFLOW SOLUTIONS



PREPARATION

Solid-Phase Extraction

Unmatched purity, consistency, and quality

- Oasis® Plates and Cartridges
- Sep-Pak® Plates and Cartridges

Waters was the first to introduce solid-phase extraction (SPE) to the commercial laboratory over 35 years ago with Sep-Pak Plates and Cartridges and built upon that innovation with the first commercial polymeric SPE device, Oasis. Waters SPE stands above all others as the most referenced in scientific literature.

Vials

Certified cleanliness for ultra-trace level analysis

- LC/GC Certified Vials
- LCMS Certified Vials
- TruView™ LCMS Certified Vials

Waters vials are manufactured to exacting standards, tested and certified to give you confidence that the peaks you observe are representative of your environmental extracts, not your vials.

Waters Analytical Standards and Reagents

Precise formulation, absolute traceability

- System Performance Standards
- Application Performance Standards and Reagents

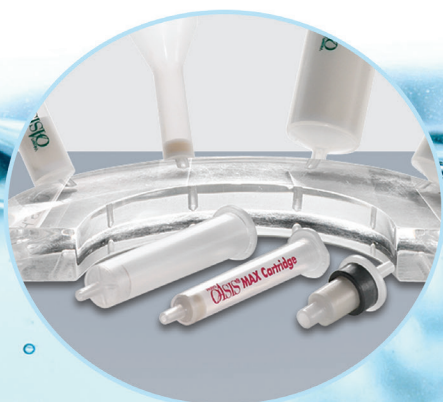
Waters understands that the quality of the standards and reagents you use directly correlates to the quality of your results. Our standards are precisely formulated to ensure data comparability and defensibility over time, and provide absolute traceability to meet your quality assurance requirements.

Filters and Sample Preparation Accessories

Variety and flexibility to fit your workflow

- Filters
- Vacuum Manifolds and Positive Pressure Processors
- Connections and Reservoirs
- Plates

Our sample filtration and preparation accessories provide a wide range of solutions to support your efficient sample extraction procedures.



SEPARATION

LC Columns

Unsurpassed efficiency, ruggedness and throughput

- CORTECS™ Solid-Core Particle Columns
- ACQUITY UPLC® Columns
- XBridge® HPLC Columns
- eXtended Performance [XP] 2.5 µm HPLC Columns
- XSelect® HPLC Columns
- Atlantis® HPLC Columns
- SunFire® HPLC Columns
- Envirogel™ HPLC Columns
- Carbamate Analysis Columns
- PAH Columns

Featured in methods to meet environmental regulatory requirements throughout the world, Waters columns provide cutting edge performance. In addition to our complete selection of UPLC® and HPLC column chemistries, Waters also provides application-specific columns for optimal specificity.

Chromatography

Dependable, rapid, versatile performance

- ACQUITY UPLC System
- Alliance® HPLC System
- ACQUITY UPC²® System
- Atmospheric Pressure Gas Chromatography (APGC)

Waters UPLC and HPLC systems offer greater performance and throughput, and less downtime to maximize the productivity of your environmental laboratory. To complement our industry-standard liquid chromatography systems, Waters has developed innovative system solutions including UPC², and APGC that deliver advanced solutions to complex chromatography challenges. Waters, Universal Source Architecture and Engineered Simplicity™ enables changeover from UPLC to GC with a shared mass spectrometer providing maximum flexibility, system utilization, and efficiency.



DETECTION

Mass Spectrometry

Greater sensitivity, robustness, and reliability

- ACQUITY QDa™ Detector
- Xevo® TQD Mass Spectrometer
- Xevo TQ-MS Mass Spectrometer
- Xevo TQ-S Mass Spectrometer
- Xevo G2-S QToF Mass Spectrometer
- SYNAPT® G2-Si Mass Spectrometer

Waters innovative MS technologies are designed to make high performance accessible, enabling the lowest detection limits to meet and exceed the most challenging environmental regulatory requirements. Waters robust mass spectrometers are built to reliably handle the rigorous operating requirements of environmental laboratories.

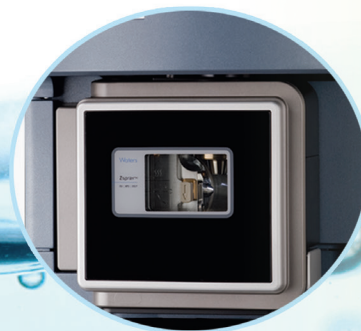
INTERPRETATION

Waters Laboratory Informatics and Software

Streamlined environmental data management

- Empower® 3 Chromatography Data Software
- MassLynx® Mass Spectrometry Software
- UNIFI® Scientific Information System

Target, identify, quantify, and review using a streamlined analytical workflow that enables more accurate results in less time across a wide range of environmental applications.



Synergy for Productivity and Performance

Waters, the industry leader in liquid chromatography and mass spectrometry, understands that superior products for every step in your laboratory workflow are required for the best possible productivity and performance. To address these critical areas of your workflow Waters has continually invested in our research, development, and manufacturing processes. Enabling the development of industry-leading solutions for sample preparation, separation, detection, and interpretation to enhance our customer's success.

- Waters was the first to commercialize SPE, a monumental breakthrough in sample extraction and enrichment with Sep-Pak and then built upon that achievement with Oasis polymeric SPE, helping scientists achieve more robust and reproducible extractions.
- Waters ultra-pure reagents and precisely formulated standards for system and application performance ensure the accuracy and precision of your analysis.
- Waters UPLC and HPLC systems provide the lowest dispersion in their classes enabling the highest resolution chromatographic separations in the industry. Only Waters columns are specifically engineered and precisely manufactured to fully harness the speed and separating power of our ultra-low dispersion LC systems.
- Waters powerful informatics enable the user to interpret the increased volume of data generated by better separations, more precise detections and increased sample throughput with greater speed and accuracy.

When used in concert, the cumulative benefit of using the best products available for every step in your analysis is evident in what really matters, your results.

Better extraction. Better analysis. Better results.

Be Assured, Choose Waters Global Services

For thirteen consecutive years, an independent quality auditing firm has ranked Waters Global Services best-in-class in providing expert technical knowledge, quick resolution of system issues, and process support.*

**Achievement in Customer Excellence Award, CustomerSat, Inc., 2007-2013; NorthFace ScoreBoard AwardSM Omega Management Group Corporation, 2001-2006.*



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Waters Corporation

34 Maple Street
Milford, MA 01757 U.S.A.
T: 508 478 2000
F: 508 872 1990
www.waters.com

www.waters.com/environment

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