

Quantitate with Absolute Power

XeVO™ | TQ ABSOLUTE



Waters

THE SCIENCE OF WHAT'S POSSIBLE.™



ABSOLUTE PERFORMANCE

Achieve lower limits of quantitation to meet regulatory requirements with up to **15x more sensitivity** for challenging negative ionizing compounds than the previous product.

ABSOLUTE EFFICIENCY

Achieve improved environmental sustainability and lower your laboratory operational costs with an instrument that uses **up to 50% less electricity and gas and produces 50% less heat** than most other high performance TQ mass spectrometry instruments on the market.

ABSOLUTE PRODUCTIVITY

Boost your productivity with flexible software solutions, including waters_connect,[™] the modern, intuitive informatics solution that can **save up to 50% of your data review time** while facilitating data integrity.

ABSOLUTE CONFIDENCE

Ensure consistent robustness and reproducibility so you can **maintain performance and productivity** over a longer time period.

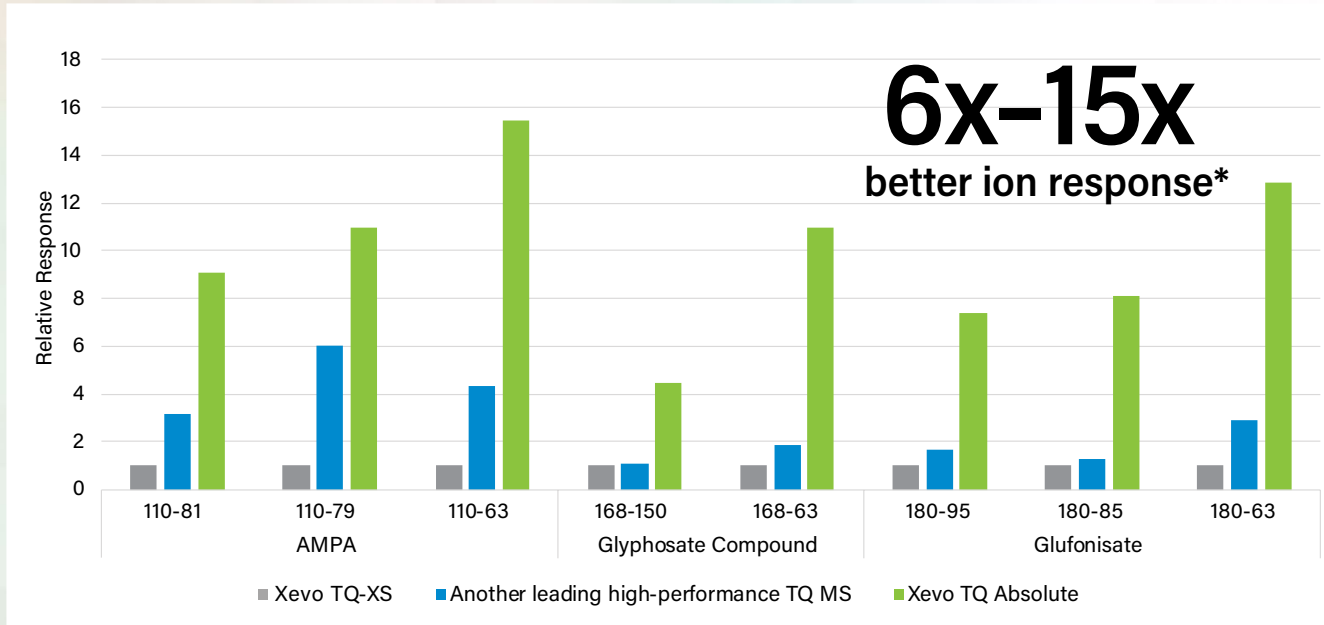
XeVO[™] | TQ ABSOLUTE

Harness Absolute Power for Confident, Fast Decisions

The Xevo[™] TQ Absolute combines Absolute performance, efficiency, productivity, and confidence to give you the Absolute Power to quantitate your most challenging compounds and make fast decisions.

Absolute Performance

Increased sensitivity with lower limits of quantitation



*Xevo TQ Absolute shows up to 15x better ion response as compared to the Xevo TQ-XS and up to 6x better ion response than another leading high-performance LC-MS/MS instrument.

One of the largest challenges facing many labs is the need to achieve lower limits of quantitation and meet regulatory requirements, particularly for challenging negative ionizing compounds.

Ensure you have the confidence in your data to make decisions fast with an instrument that provides Absolute Performance. **Xevo TQ Absolute delivers up to 15x better sensitivity for challenging negative ionizing compounds** than the previous product, so you can make decisions quickly and efficiently.



Absolute Efficiency

Lower operational costs and improved sustainability

As a leading technology innovator in chromatography, mass spectrometry, and thermal analysis instruments and software, Waters shares a common mission with our customers: to leave the world a better place than we found it.

Many of our customers are actively working to address environmental sustainability in balance with the need to continually reduce operational costs. During development of the Xevo TQ Absolute, Waters has addressed these challenges by providing an instrument with lower electricity consumption, gas consumption, and BTU/hr output – lessening the need for air conditioning and lowering costs.

The Xevo TQ Absolute also provides more analytical capability per square foot of lab space by minimizing the LC-MS/MS footprint, enabling laboratory managers to fully optimize their facilities and increase efficiency.



	Waters Xevo TQ Absolute	Sciex™ 7500*
Relative bench width	100%	184%
Power consumption	1460W	3077W
Air conditioning demand (heat displacement)	4,980 Btu/h	10,500 Btu/h
Nitrogen/Zero-grade air consumption	23 L/min	52 L/min
Audible noise (MS)	59.2 dB	68 dB

*Source: <https://sciex.com/content/dam/SCIEX/pdf/customer-docs/site-planning-guide/7500-site-planning-guide-en.pdf>

Absolute Productivity

Achieve more with flexible software solutions

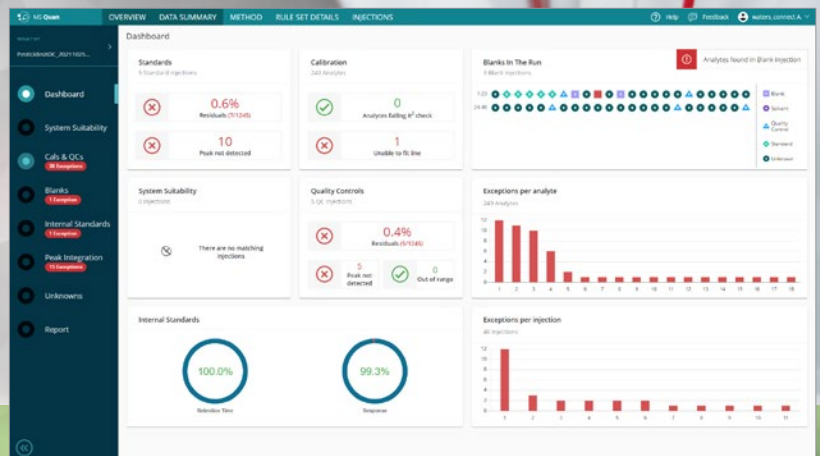
In an ever-changing environment, flexibility can help protect against future unknowns. The Xevo TQ Absolute is available on both our waters_connect and MassLynx™ Software platforms, providing the ultimate flexibility to choose a future-proof solution to meet your lab requirements.

waters_connect

Our modern, app-based software platform, waters_connect, delivers efficiency and usability benefits, including the unique Exception Focused Review (XFR) functionality that can save up to 50% of your data review time, ensuring your lab is as productive as possible.

MassLynx

Our tried and well-established MassLynx Software package delivers market-leading versatility and flexibility for all application areas.



The unique functionality of waters_connect for quantitation ensures absolute productivity for your Xevo TQ Absolute.



Absolute Confidence

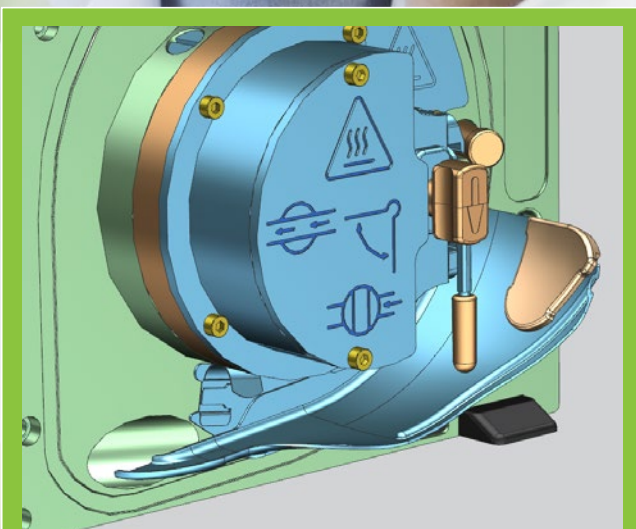
Tackle your toughest challenges

Analytical laboratories face several challenges that are constantly changing, so it's important to have Absolute Confidence that your analytical instrumentation can keep pace.

The Xevo TQ Absolute has been specifically developed to deliver consistent robustness and reproducibility, so you can maintain performance and productivity over a longer time period.

Better by design

Optimal probe positioning guidance ensures you can achieve the best possible performance while minimizing contamination and reducing the need for inconvenient downtime to clean the instrument. A new source shield maximizes uptime by minimizing contamination of the source from sample matrix or mobile phase salts.



New source shield technology featured in the Xevo TQ Absolute Mass Spectrometer minimizes contamination and increases uptime.

Absolute Support

Ensure your success with world-renowned services

Waters Service and Support helps maintain system peak performance, minimize downtime, address scientific application challenges, and support stringent compliance requirements.

Waters award-winning consistent quality support and professional services ensure your success wherever your laboratory is located in the world. With Waters Service and Support offerings* for your Xevo TQ Absolute, you can:



GET UP AND RUNNING QUICKLY

Get the onsite training and consultation you need to integrate the Xevo TQ Absolute into your laboratory and assist with data migration and method transfer needs with Waters Professional Services.



MEET YOUR LAB'S UNIQUE REQUIREMENTS

Protect your high-performance instrument investment with the comprehensive portfolio of service plans from Waters FlexCHOICE, which provides access to the most in-depth and up-to-date knowledge of the advanced science and technologies within Waters systems.



FACILITATES COMPLIANCE

Simplify the process of qualification, validation, and record-keeping so that your business can focus on delivering products to market with Waters Compliance Services – so you can meet the regulations in your industry and in the countries where you conduct business.



REDUCE TOTAL COST OF OWNERSHIP

FlexCAPITAL** is designed to support continuous laboratory operation while satisfying the budgeting challenges of a constantly shifting landscape. Minimize total cost of ownership while optimizing instrument performance and protecting your organization from security risks associated with outdated software platforms.



LEVERAGE YOUR EXISTING TECHNOLOGY

With the FlexUP technology renewal program, you can upgrade your older tandem quadrupole mass spectrometry system to the Xevo TQ Absolute – improving performance, results, and productivity while controlling costs and mitigating compliance risk.



* Availability of offerings varies by country. Contact Waters or your local Waters representative for details.

** FlexCAPITAL payment plan options and availability may vary by country. Other restrictions may apply. Contact Waters or your local Waters representative for details. Subject to Credit Approval.

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