

[XEVO FAMILY]

PERFORM **XEVO G2 QTOF** SAVE SOLVE RESEARCH

VISUALIZE DISCOVER **XEVO TQ-S**

XEVO TQ INSPIRE SUCCEED EXPLORE

RECOGNIZE ACHIEVE

XEVO QTOF

**DISCOVER YOUR
LABORATORY'S POTENTIAL**

Xevo Family of Advanced MS Products

Waters

THE SCIENCE OF WHAT'S POSSIBLE.™



Whether you're a chromatographer or a highly experienced user of mass spectrometry, you'll be able to push the limits of detection on assays, routinely identify compounds in complex samples, and ultimately deliver the high quality data that you need.

At Waters, the only force stronger than our commitment to innovation is our commitment to our customers. Years ago, we saw a need for high performance instruments that were accessible to chromatographers, and we responded with our TQD and SQD instruments. We then created the Xevo™ QTof and Xevo TQ — the first

two instruments in the Waters Xevo MS family. They feature a revolutionary advance in accessibility known as Engineered Simplicity™ — because an instrument that is not easy to work with, not powerful enough, or that doesn't show you all of the information all of the time, isn't worth the risk.

To help you keep pace with your ever-expanding scientific goals, we have introduced our latest MS solutions — Xevo G2 QTof and Xevo TQ-S. These highly advanced instruments bring you high performance with versatility, and simplicity of operation.



Xevo TQ and TQ-S

QUANTITATIVE PERFORMANCE THAT MEETS YOUR DEMANDING NEEDS.

Waters Xevo TQ and TQ-S are the very best analytical tools available for your most challenging quantitative UPLC®/MS/MS applications. They also deliver the ultimate in versatility for a wide variety of applications, both quantitative and qualitative.

Xevo TQ-S from Waters features a revolutionary new off-axis ion-source technology known as StepWave™. This takes the high sensitivity provided by the Xevo TQ instrument and increases it even further. This step change in performance will allow you to accurately, robustly, and reproducibly measure compounds at much lower concentrations than you ever thought possible.

Xevo TQ and TQ-S both also feature ScanWave™ collision cell technology — enabling rapid MRM acquisition, enhanced MS/MS spectral data collection, and RADAR™. RADAR is an information-rich acquisition approach that allows you to collect highly specific quantitative MRM data at the same time as collecting spectral data to help you visualize all the other components in a sample.

With Xevo TQ and TQ-S your laboratory will be able to develop better analytical methods, identify a broader array of food contaminants, or report more reliable forensic data.



Xevo G2 QTof

YOUR QUAN/QUAL QUESTION ANSWERED. COMPREHENSIVELY.

Xevo G2 QTof is the world's most advanced benchtop oa-ToF instrument. It makes ToF technology more accessible and versatile than ever. While Xevo G2 QTof maintains the integrated workflow benefits of Engineered Simplicity found in our existing Xevo QTof, it also incorporates the groundbreaking QuanToF™ Technology of our SYNAPT™ G2 System. Now you can have research-grade technology with benchtop accessibility — for a new level of sensitive, exact mass, quantitative and qualitative analytical performance. And zero compromise.

Xevo G2 QTof delivers not only conventional MS and MS/MS methods of data acquisition, but unique to Waters, it also has the ability to perform UPLC/MS^E – capturing all

of the data all of the time using simple generic methods. This means you can collect the maximum amount of data from a single analysis in total confidence. What's more, UPLC/MS^E datasets provide a comprehensive digital record of your sample. So in the future you can simply re-interrogate your data, not re-analyze your sample.

Choosing Xevo G2 QTof means you'll have quick and easy access to reproducible, high-quality exact mass information – routinely. And no matter what your application, you'll spend less time with samples and more time sharing, and acting on, your results.



Which Xevo System is right for you?

*ACQUITY UPLC System with
the Xevo G2 QToF MS System.*



HIGH PERFORMANCE MADE SIMPLE. GREAT DECISIONS MADE EASY.

No matter which Xevo instrument you choose, there are no compromises. Both are ideal whether you focus on chromatography or MS. They also share the same user experience, thanks to features such as IntelliStart™ for simplified setup. So if you're trained on one system, you'll easily be able to use the other.

Of course, there are also differences based on your unique needs. Xevo G2 QToF allows you to comprehensively identify and quantify compounds with exact mass, while Xevo TQ and TQ-S allow you to accurately measure the concentration of target compounds that are present at very low levels in complex samples.

Other instruments on the market may offer performance or simplicity alone. But only Waters combines these attributes to create Xevo MS solutions that perform the way you want them to perform. Reliably and consistently.

Today, hundreds of Xevo MS instruments are in laboratories worldwide. You can rely on Waters for access to powerful MS instruments that will enable you to deliver the results that you need.

*ACQUITY UPLC System with
the Xevo TQ-S MS System.*



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