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Waters launches new tandem quadrupole mass spectrometer Xevo TQ Absolute

April 1, 2022 | News

Xevo TQ Absolute is up to 45% smaller, uses up to 50% less power and nitrogen



Waters Corporation has introduced the new Xevo TQ Absolute system, the most sensitive and compact benchtop tandem mass spec in its class.

Waters' newest high-performance mass spectrometer is up to 15X more sensitive for quantifying negatively ionizing compounds than its predecessor and is 45% smaller and uses up to 50% less electricity and gas supply than other high-performance tandem quadrupole mass spectrometers available on the market.

The Xevo TQ Absolute is designed to help pharmaceutical, food and beverage, and environmental analytical laboratories meet regulations requiring trace-level quantitative mass spectrometry analyses for a broad set of applications.

For optimal performance, Waters pairs the Xevo TQ Absolute mass spectrometer with Waters' ACQUITY Premier UPLC System with MaxPeak HPS technology which eliminates non-specific adsorption of compounds containing phosphate and/or carboxylate groups and improves their recovery.

It incorporates thoughtful design features that enable consistent and reproducible analyses, allowing labs to maintain performance and uptime for longer periods in between routine cleaning and service intervals. This is achieved with new

guidance on optimal probe positioning for both sensitivity and robustness and a source shield that helps minimize source contamination by the sample matrix or mobile phase salts.