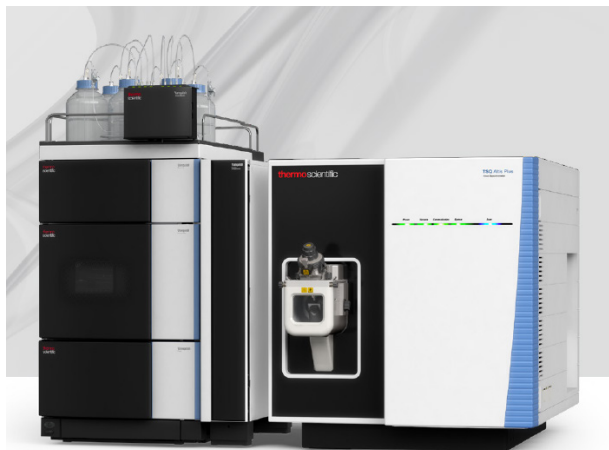


RELEASE**TSQ Altis Plus Triple Quadrupole Mass Spectrometer****Ultimate quantitative performance made possible**

Overcome the most demanding quantitative workflow challenges. With superior acquisition speeds, enhanced sensitivity, prototypical selectivity, and exceptional robustness, the TSQ Altis Plus mass spectrometer delivers unprecedented accuracy and precision for low-level compound detection and quantitation in complex matrices that redefines ultimate instrument performance.

Achieve the highest confidence in targeted compound detection and quantitation

Greater than 6 orders of linear dynamic range with high selectivity. Enhanced acquisition speeds empower large-scale studies for translational workflow

development or method optimization with effective dwell time settings as low as 0.3 – 5 millisecond polarity switching maximizes productivity in fewer experiments.

High-throughput screening and quantitation

Innovations in the ion source, mass analyzer, active Q2 collision cell, and RF electronics offer high sensitivity, selectivity, and superior acquisition speeds/polarity switching times that are ideal with UHPLC separations.

Expanded experimental capabilities

Integrated workflow solutions centered on the TSQ Altis Plus mass spectrometer address regulated requirements targeting a growing list of diverse compounds. New UHPLC and ion chromatography (IC) systems maximize sample delivery and separation capabilities, maintaining the sensitivity to meet minimum residue limits without costly sample preparation or derivatization steps.

Operational simplicity

Simplified calibration approach consolidates steps needed by the operator, combining an intelligent instrument check and calibration routine. Experimental determination of dwell times assigned to each transition has been automated based on user-defined chromatographic peak width and the option of fixed cycle time or optimal number of data points per chromatographic peak.

Database integration

Utilization of experimental libraries created from discovery experiments can by-pass the need for purified standards and lengthy optimization routines. The output from processed data in Thermo Scientific TraceFinder software can be directly imported into the instrument method editor, streamlining large-scale study creation.

Discovery experiments, however, may not contain all compounds targeted in a study. Integration with Thermo Scientific mzCloud databases enables selection of additional compounds from the most advanced mass spectral database to be added into existing experimental methods.

[Read more](#)

Confident Quantitation



Any compound, any matrix, any user.

To achieve your business and scientific goals, you need results you can count on. Regardless of your application, the new Thermo Scientific TSQ™ Series Triple Quadrupole Mass Spectrometers deliver unprecedented precision for your quantitative workflows. Selective high-resolution SRM, robustness, reliability and sensitivity come together—now every user in every lab can obtain high-confidence data, regardless of the matrix and molecule analyzed.

Find out more at thermofisher.com/Altis-Quantis

VIDEO

WEBSITE

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