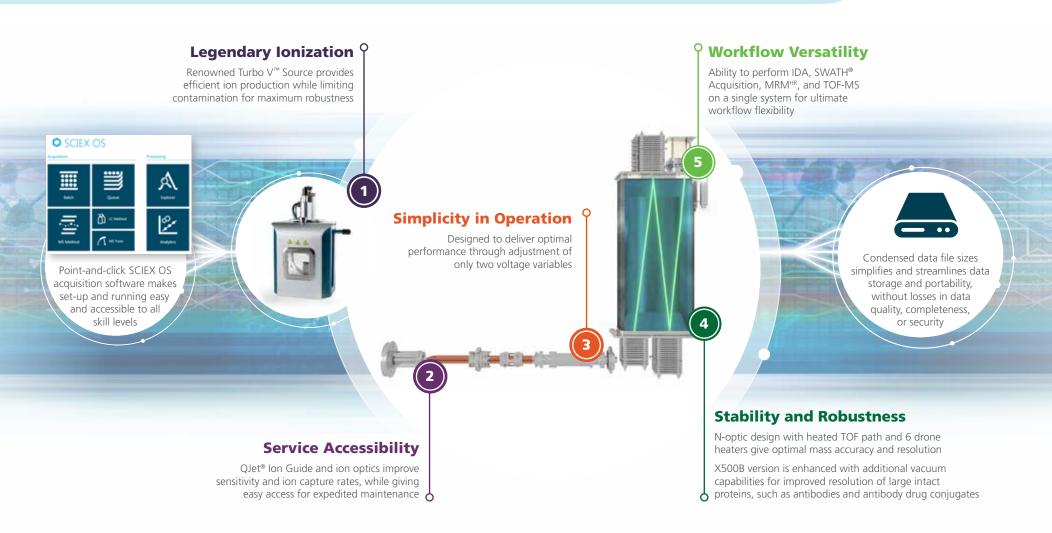
X500 QTOF Platform: Streamlined for Productivity



Learn the Top 5 Technology Advancements of the Accurate Mass X500 QTOF System

The X500 Series QTOF Systems were engineered with ease-of-use and simplicity in mind. Explore the technological advances that give this system the performance edge, while still being the smallest HRMS system on the market.



Easy to Learn, Compact and Robust

Discovery the Benefits of the X500 QTOF System Technology for These Selected Application Areas



X500R QTOF System



Food Testing

Confidently detect and quantify the analytes your high throughput laboratory needs in the most challenging of food testing matrices.

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Forensics

Test for the forensic drugs of today and be prepared to detect the novel psychoactives of tomorrow by using SWATH® and MRM^{HR} workflows.

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Environment Testing

Identify persistent and emerging contaminants of concern at trace levels using accurate mass.

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Routine Drug Metabolism

Simplified high-throughput MetID analyses for both small and large therapeutics, with maximal robustness for increased uptime.

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Biologics Intact Mass Analysis

X500B QTOF System

See both major and minor isoforms of your intact biotherapeutic with accurate mass assignments and maximized robustness and stability over time.

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Biologics Subunit Analysis

Confidently determine glycans, post-translational modifications, or C-terminal clipping by performing high-quality subunit mass analysis.

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Biologics Peptide Mapping

Using unbiased and high speed SWATH® Acquisition obtain comprehensive high-resolution MS and MS/MS peptide mapping data, allowing for detection of low abundance peptides and PTMs.

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Antibody Drug Conjugate Analysis

Confidently identify drug load and drug-to-antibody ratio for even very large ADC molecules with the accuracy of the high-resolution TOF mass analyzer.

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Metabolomics

Identify and quantify large numbers of metabolites on a routine basis, with performance for high quality metabolic profiling in a simple guided workflow that delivers biological insights fast.

Read More Here>



High-Resolution Accurate Mass Spectrometry Made Simple with the X500 QTOF Platform and Intuitive SCIEX OS Software Interface

