

SCIEX 6500+ Series Mass Spectrometers



A No Compromise Solution

- Small and large molecules in bioanalysis
- Priority environmental contaminants
- Comprehensive food residue monitoring
- Biomarker verification
- Forensic drugs in complex matrices

Increase confidence

QTRAP® technology

Boost selectivity for added confidence in your most challenging assays with enhanced mass spec scanning modes that deliver MRM and so much more. Take advantage of 20,000 Da/s scan speed and full scan linear ion trap sensitivity improved by 100x over the Triple Quad system for greater confidence in quantitative workflows.

Detection without bias

IonDrive™ High Energy Detector

Get consistent and reliable quantitative results for all ions, regardless of polarity, chemistry, and concentration, all in a single injection.

More MRMs per injection

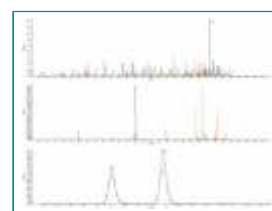
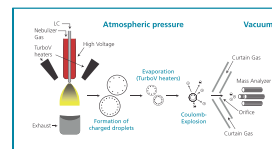
Curved LINAC® collision cell

Achieve shorter MRM cycles and higher scan speeds to analyze for hundreds of compounds in a single injection for improved throughput. With true collision-induced fragmentation, this collision cell will generate reliable, information-rich, library-searchable MS/MS spectra time after time.

Enhanced sensitivity

IonDrive™ Quiet Guide

Better collisional focusing means more ions transmitted, enhancing analyte sensitivity. The optimized design better contains ions, operates at high pressure, and lets the turbopump run cooler and in its ideal operating range for peak performance.



Extended compound detection in a single run

Ultra-fast polarity switching at rates as low as 5 ms combined with Scheduled MRM™ Pro algorithm provides exceptional detection of 100s of compounds, regardless of transition polarity in a single injection. Acquisition speeds are fast enough to deliver sufficient data points across chromatographic peaks for accurate quantitation even in areas with many co-eluting peaks.



Analyst® Software

Acquire the best data

Industry-standard Analyst Software for data acquisition utilizes the intelligent Scheduled MRM Pro algorithm to make method set-up 1000s of MRMs in a single analysis simple, with optimized parameters to ensure you get exceptional MS data quality every analysis.



MultiQuant™ Software

MRM data processing made fast and easy

Quickly process data sets containing many samples and many MRMs with powerful integration algorithms and flexible exporting and reporting.

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