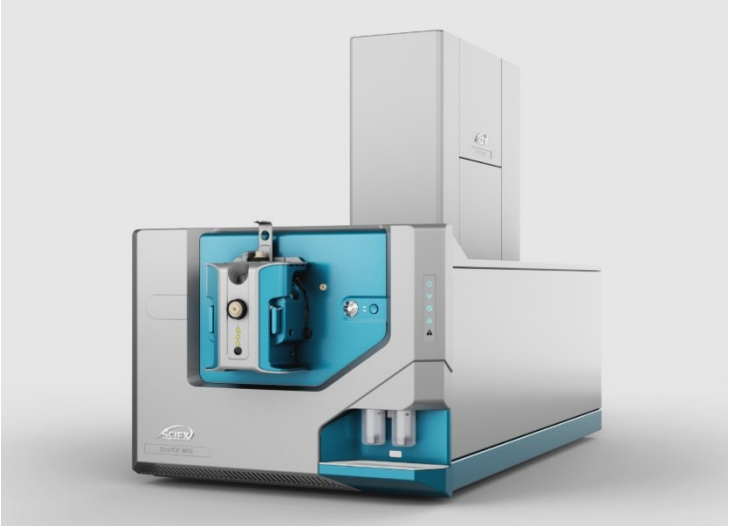
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Sciex sets new standard in accurate mass quantitation with ZenoTOF 8600 System

02 June 2025 | News

Latest version of MS-Dial now supports SCIEX raw data across multiple scan modes



Sciex, a global leader in life science analytical technologies and operating company of Danaher Corporation, has launched the ZenoTOF 8600 system, setting a new standard in accurate mass quantitation. The system is competitive in identification, superior in quantitation, and enhances structural understanding so scientists can now confidently quantify thousands of species from complex samples in short acquisition times.

The ZenoTOF 8600 system brings sensitive quantitation and decades of SCIEX leadership in triple quad innovation to the ZenoTOF portfolio. Innovations include:

- The OptiFlow Pro source, DJet ion guide, and QJet ion guide – Enables the system to generate and transmit more ions. When combined with the Zeno trap, this facilitates 10x improvement in sensitivity, compared to the ZenoTOF 7600+ system.
- Mass Guard technology, introduced last year on the Sciex 7500+ system – Protects the system from contamination and increases uptime.
- New optical detector – Allows the system to operate effectively at higher ion currents.
- ZT Scan DIA 2.0 – Covers a larger mass range so scientists can now quantify what was previously a struggle to identify – across all omics disciplines. ZT Scan DIA 2.0 is a transformation of the most comprehensive Sciex DIA approach.

To match the data processing needs of the ZenoTOF 8600 system, the new Sciex OS software version 4.0 enhances operability with speed and automation. Automated workflow improvements and progressive software functionalities establish the benchmark for efficiency, accuracy, and precision.

This builds on the Sciex OS ecosystem, to seamlessly connect innovations in hardware and software processing. A new software collaboration this year includes that with MS-Dial, an open-source software platform designed for untargeted metabolomics and lipidomics analysis.