

SCIEX launches new LC and mass spectrometry OS

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New software offers improved workflow efficiency with enhanced data management and the tools to support 21 CFR Part 11 compliance across the SCIEX mass spectrometry portfolio



Singapore- SCIEX, a global leader in life science analytical technologies, announced a new release of its LC and mass spectrometry operating system, SCIEX OS software, which provides new tools for full regulatory compliance and updated calculation algorithms that support data processing for the majority of SCIEX instruments. Analytical laboratories need LC-MS software and systems that can process increasing volumes of data faster and across a broader spectrum of instruments. SCIEX OS 1.4 is the control system for the X-Series of SCIEX mass spectrometers, incorporating the ability to rapidly control, acquire and analyze laboratory data. With this release, it now also acts as the central processing application for data produced by our Analyst and Analyst TF Software applications. Now, data processing for all SCIEX Triple Quad, QTRAP and TripleTOF instruments as well as the X500R and X500B QTOF systems can be performed in a single software interface.

When it first launched, SCIEX OS was revolutionary in providing combined quantitative and qualitative analysis capabilities in a unified software platform. The updated version builds on these foundations by providing cutting-edge quantitation algorithms that are capable of making the integration of data more efficient and intuitive to further accelerate workflow analyses. In addition, calibration curves are easier to create than ever before with a new automatic algorithm to detect and remove outlier data points that fall outside user-defined rules.

SCIEX OS 1.4 also includes features that benefit scientists who work in regulated laboratories.

Any product that is for human use is subject to strict regulation imposed by the relevant regulatory bodies, such as the US Food and Drug Administration (FDA) or the European Medicines Agency (EMA). Therefore, scientists who work in such fields need to be confident that they adhere to these regulations.

The new SCIEX OS 1.4 has been designed to support 21 CFR Part 11 Compliance, providing tools such as the incorporation of electronic audit trails, electronic signatures, and detailed security configurations.

“SCIEX OS offers the combined quantitative and qualitative data analysis that scientists working in any laboratory need,” said Fraser McLeod, Vice President and General Manager, Software Business at SCIEX. “By incorporating regulatory compliance capabilities and improved algorithms for peak detection, across a wider portfolio of our mass spectrometry instruments, this software will further improve the efficiency of how scientists analyze their mass spectrometry data and increase overall laboratory productivity.”

SCIEX OS 1.4 was built with speed and ease-of-use in mind. Its flexibility makes it accessible for a wide variety of applications. Furthermore, it is compatible with both Windows 10 and Microsoft Office 2016 as well as other SCIEX acquisition and processing applications such as Analyst® Software, BioPharmaView Software and MarkerView Software. This makes SCIEX OS 1.4 an essential software platform for any mass spectrometry laboratory.