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ASIA EDITION

Sciex expands high-throughput screening solutions with Echo MS+ system

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Company to develop further new and novel workflows for the Echo MS+ system



Sciex, a US-based firm in life science analytical technologies, has launched the Echo MS+ system. It couples proprietary Acoustic Ejection Mass Spectrometry technology and Open Port Interface (OPI) sampling with the capabilities of either the Sciex ZenoTOF 7600 or Triple Quad 6500+ system to deliver precise qualitative and quantitative results, through an expanded panel of robust high-throughput screening workflows.

The system addresses key challenges in high-throughput screening applications for drug discovery without the need for extensive method development. This is achieved through the introduction of new, flexible workflows for small and large molecules that leverage the capabilities of high-resolution mass spectrometry for improved selectivity and sensitivity compared to other analytical tools.

Through a combination of high speed of analysis, high data quality and minimal sample and reagent consumption, the system has the potential to reduce the time, cost and risk in making critical decisions during the early phases of the drug development pipeline. With this expanded capability, researchers in drug discovery will have the ability to make faster and more confident decisions in hit identification and iterative lead optimization. This will help speed up the process of drug discovery and reduce the potential for false positive or false negative results.