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Waters Corp unveils next generation Xevo TQ Absolute IVD mass spectrometer

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Making it the most sensitive benchtop tandem quadrupole (TQ) mass spectrometer for clinical applications



Waters Corporation has unveiled its next generation Xevo TQ Absolute IVD mass spectrometer, expanding its family of MassTrak IVD LC-MS/MS Systems for clinical diagnostic applications.

The powerful analytical performance of the Xevo TQ Absolute IVD mass spectrometer is up to five times more sensitive for quantifying clinical analytes than similar commercial instruments on the market. This sensitivity enables clinical laboratories to detect and measure trace level analytes within a sample at the lowest detection levels than previously possible.

It can extend the testing capabilities of the clinical laboratory to include lower volume samples obtained in less-invasive assays such as saliva, breath, and dried blood spots. The system also enables clinical laboratories to expand their test menu to include multiplex panels and large molecules.

The Xevo TQ Absolute IVD System provides more consistent instrument-to-instrument performance, with a user-friendly design that maximizes service uptime. Its innovative design is also 45% smaller and uses 50% less nitrogen gas and electricity than comparable tandem quadrupole-mass spectrometry (TQ-MS) systems, making it ideal for hospital labs and independent commercial labs with both sustainability and business growth goals to meet.