

Thermo Fisher unveils HPLC system and CDS software

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Thermo Scientific Vanquish Core HPLC System delivers an advanced, high throughput chromatography solution that offers increased productivity and precision to scientists working within pharmaceutical, food and industrial laboratories



Pharmaceutical, food and industrial laboratories can optimize their routine testing and quality control (QC) workflows with an enhanced high-performance liquid chromatography (HPLC) system that delivers maximized instrument uptime and precision for any operator, regardless of experience.

The new Thermo Scientific Vanquish Core HPLC Systems expand on the award-winning performance of the Vanquish platform to provide a productivity-enhancing solution for routine laboratories. From automatically monitoring and determining solvent and waste levels with the Vanquish Solvent Monitor, to continuous background monitoring of system health, the Vanquish Core HPLC System maintains consistent throughput of dependable results.

"Routine analysis laboratories are expected to deliver precise results without delays. Chromatographers are often required to run methods from a diverse range of instrumentation, which presents a unique set of challenges, especially when integrating systems into existing infrastructure," said Linda De Jesus, vice president and general manager, high-performance chromatography solutions, Thermo Fisher Scientific. "While the Vanquish Core HPLC System enables our customers to deliver the results demanded of them, it also drastically simplifies method transfer and offers easy integration with many leading chromatography data system (CDS) software infrastructures."

The new Thermo Scientific Chromeleon 7.3 CDS software is designed to provide greater automation and better workflow support to help customers achieve significant productivity gains of up to 33%. Chromeleon 7.3 CDS can be easily integrated into company systems and seamlessly scaled from workstation to global enterprise deployment, ensuring continuity throughout the business. Using cloud-based technology, the software allows operation from remote locations across global laboratory networks, therefore reducing administrative costs and providing resourcing flexibility – all while delivering an increased number of accurate results, even for non-expert users.

Brian Alliston, data integrity expert, Sterling Pharma Solutions, said, "In this industry, we are under constant pressure to analyze our samples in time without compromising results. We are always searching for new ways to improve efficiency and get the reliable data we need without putting an additional burden on our team. The Vanquish Core HPLC System provides us with a single analytical solution that minimizes unexpected downtime, delivers results dependably and allows Sterling Pharma Solutions to stay competitive by delivering quality products."