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Waters introduces next-generation Alliance iS HPLC system

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Designed to reduce up to 40% of common laboratory errors



US-headquartered Waters Corporation has introduced Alliance iS , the next-generation intelligent HPLC system designed to reduce compliance risk by adding new levels of proactive detection error detection, troubleshooting and ease of use.

When combined with Waters' compliance-ready Empower Chromatography Software and eConnect HPLC Columns , the Alliance iS HPLC system streamlines the task of making accurate and precise measurements by detecting and eliminating common errors by up to 40%. In doing so, the Alliance iS HPLC system helps QC labs consistently meet quality, safety, compliance, and on-time product delivery goals.

Based on broad and deep customer insights, the Alliance iS HPLC system was carefully designed for the unique needs of the QC laboratory, bringing intuitive simplicity to routine measurements. With visual cues and alerts provided via an intuitive touchscreen interface, the system notifies the operator if an inappropriate method has been chosen for an application, when a sample vial is missing, when it is time to refill a solvent vial or if it is time for system maintenance. These are common conditions that, when caught early enough, can eliminate system errors that would otherwise degrade scientists' ability to deliver needed drugs to patients and ultimately cost the lab time and money.

The system also integrates with cloud-native waters_connect System Monitoring Software , allowing real-time monitoring of the Alliance iS HPLC system and any other chromatography instruments controlled by Empower software. Lab managers can view the live status of their HPLC instrument cluster from anywhere at any time to further improve equipment utilisation and overall productivity.