

Scalable, automation-ready immunoassay and clinical chemistry analyzers, 10/16

At the AACC show 2016

October 2016—Siemens Healthineers unveiled the Atellica Solution, a flexible immunoassay and clinical chemistry solution featuring patented bi-directional magnetic sample-transport technology that is 10 times faster than conventional conveyors, according to the company.

“We engineered the Atellica Solution based on our customers’ needs and extensive research of market trends,” Franz Walt, president of laboratory diagnostics, Siemens Healthineers, said in a statement. “The result is a game-changer that delivers control and simplicity, so our customers can focus on driving better business and clinical outcomes and spend less time managing operations.”

The Atellica Solution offers a multi-camera vision system and intelligent sample routing for independent control over every sample from routines to stats. The solution can be used as a standalone system, is scalable up to 10 components, and can be combined into more than 300 customizable configurations, including L-shaped, U-shaped, and linear formations. It can also be connected to Aptio Automation for a comprehensive multidisciplinary solution. Atellica can handle more than 30 sample container types, including pediatric and special containers. Further, the same reagents can be used across configurations and locations, simplifying laboratory operations, streamlining inventory control, and enabling consistent testing results. Additionally, a single immunoassay analyzer processes more than 400 tests per hour. The Atellica Solution is under FDA review and is not yet available for sale.

Siemens also launched the Sysmex CS-2500 System, a mid-volume, fully automated coagulation analyzer with PSI technology. The system is designed to provide regional reference laboratories and integrated delivery networks the ability to standardize testing results across multiple Sysmex CS and CA hemostasis systems. In most markets, the Sysmex CS-2500 System features simultaneous multiwavelength scanning and PSI technologies including primary-tube sample-volume checks, clog detection, assay-based preanalytical sample-quality checks for hemolysis, icterus, and lipemia interference, automated mixing studies and platelet aggregation, and clot waveform analysis. Efficiency is enhanced via a wide optical spectrum, which allows clotting, chromogenic, immunologic, and aggregation testing capabilities on a single platform. With an onboard capacity of up to 3,000 tests and up to 40 reagents, the system delivers extended walkaway time to streamline workflow.

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