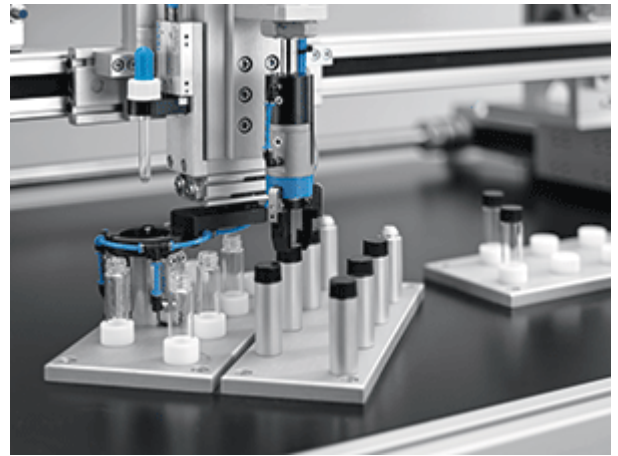


Automation solutions, 9/15

At the AACC show 2015

Festo displayed the EXCM mini H-gantry, its high-speed automated handling system for clinical laboratories. The planar surface gantry system is fast, accurate, modular, and flexible. This plug-and-play system can be used for dosing, barcode-based sample identification, liquid dispensing/pipetting with the addition of a Z-axis, and more. The desktop system moves vials on a planar X/Y axis with absolute positioning accuracy.



Festo presented a number of systems designed to automate clinical laboratory processes. The new capper/decapper two-station system reduces ergonomic stress for laboratory technicians. The technician can set the sample in the holder and then push the drawer to the closed position to begin the cycle. Highlights of this system include choice of tube sizes, three functions (rotary, linear, gripping) in one, safety interlocks, and the ability to customize the automation surrounding the unit.

Also on display was Festo's Single Axis Variable Pitch Module flexible pipetting system—a solution for sample preparation and for automating sample diluting or concentrating methods; a family of microfluidic dosing solutions that provide for a range of dosing options from individually controlled valves to multiple heads controlled by a single valve; and the CPX control system, which provides a plug-and-play environment for multi-hardware systems. This CPX control system reduces engineering expenses and ensures peak communications and efficiency.

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