

MOTOMAN NEWS RELEASE

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NEW! ROBOTIC INTEGRATED DISPENSING SYSTEM FEATURES MOST ACCURATE DISPENSING DESIGN AVAILABLE



Dayton, Ohio — Motoman's robotic Integrated Dispensing System applies uniform beads and precision shots of single component adhesives or sealants. Its Servo-Flo™ servo-driven metering pump from Sealant Engineering & Equipment (SEE) provides precise metering at the point of dispense. The system's positive displacement metering unit is driven by a Yaskawa servo control.

Integrated with a Motoman MH50, MH50-35 or ES165D robot, the Integrated Dispensing System offers the most accurate dispensing design available. Its pump and process control are integrated with the robot through a menu-driven dispensing pendant application that eliminates a separate dispensing controller to reduce costs and system complexity. With the ability to process low volumes, shot sizes and flow rates, the Integrated Dispensing System has an excellent response for stop and start of beads, and easily handles abrasive or filled materials. Accuracy is within ± 2 percent for dispense volumes greater than 2 cc.

The Integrated Dispensing System can dispense an array of single component (1K) materials and is suitable for adhesive bonding, battery filling, casting, coating, laminating, molding, sealing and a wide range of other applications. Dispensing processes include beads, shots, dots, streaming, extrusion, spray and high-speed mastic stitching applications.

Optional equipment available for the Integrated Dispensing System includes material temperature control, tip cleaner and dispense heads/tips made for a variety of materials and applications.

For more information on Motoman products and services, visit the corporate web site at www.motoman.com or call 937.847.6200.

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