

Compact Positive Rod Displacement Meter System



Servo-Flo 305 Shot Meter

- ▶ One-part positive rod displacement metering provides positive displacement dispensing accuracy without the need for flow meters
- ▶ Various meter sizes; dispense up to 110 cc per shot
- ▶ The electric servo motor drive Servo-Flo 305 is engineered for robot, automation and manual dispensing applications
- ▶ The servo-motor, drive and meter are integrated into a single module for compact mounting applications
- ▶ Its integrated linear servo motor/drive package provides precise positioning and smooth motion for accurate flow control, volumes and bead profiles
- ▶ The remote No-Drip[®], Snuf-Bak[™] or Tip-Seal[®] material dispense valves are available for extruding, streaming and spraying materials
- ▶ Meter components are designed for maximum up-time, long process life and easy maintenance
- ▶ Light-weight components and compact design is ideal for robot EOA or pedestal mounting
- ▶ For nearer the point-of-application metering, the Servo-Flo 305 provides superior response time

Precision Metering Unit for Adhesive, Sealant and Mastic Materials

The Servo-Flo[™] 305 metering system applies uniform beads or precise shots of single component adhesives or sealants. The servo-driven, positive displacement metering unit provides the most accurate dispensing design available.

This mechanically robust design uses closed-loop processing for electronic control of meter positioning (fluid volume) and velocity (material flow rate) requirements. The meter and dispense valve divorced-design and seal selection is ideally suited to handle abrasive or filled materials.

Typical Applications

- Robotic, automated or manual dispensing systems
- Extrusion, streaming, spray and high speed mastic stitching applications
- Robotic end-of-arm mounting requirements
- Pedestal mounting applications

Servo-Flo[®] 305 System Controls



Color Touch Screen Operator Interface

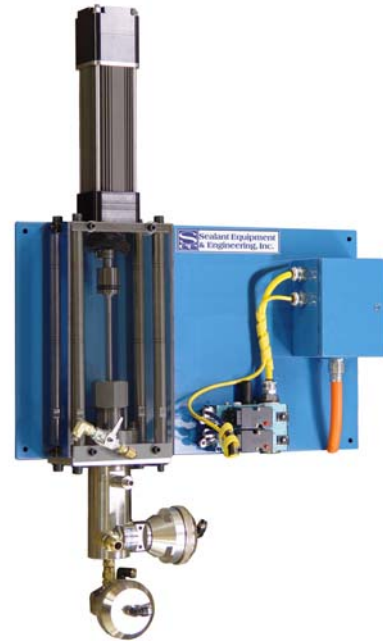


Plate Mounted Servo-Flo 305 with Interface Panel



Keypad (with Screen) Operator Interface



Keypad Operator Interface with 6-Zone Material Heat Control



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