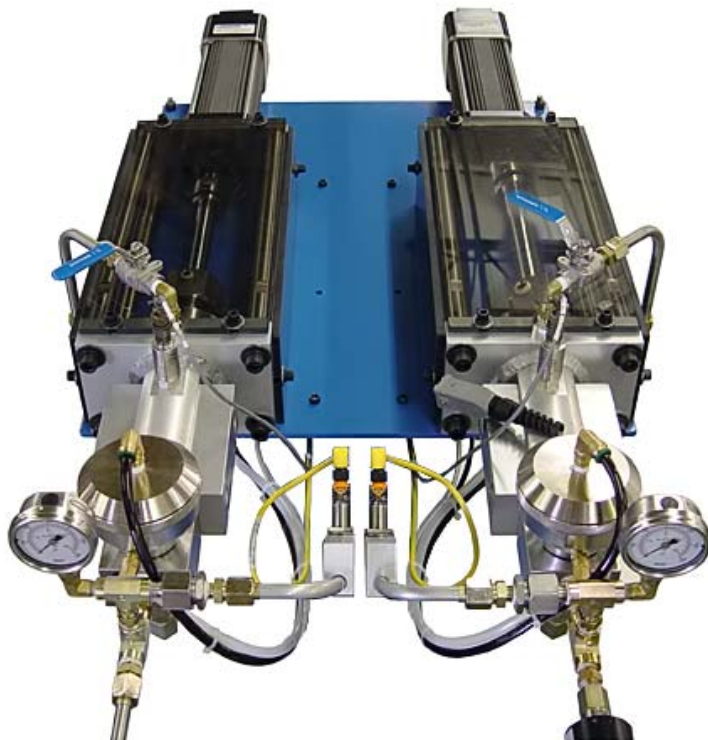


Variable Ratio, Positive Rod Displacement Meter System



**Servo-Flo 105 Meter on base plate
for Robot Arm or Pedestal mounting**

- ▶ **Dual independent meter cylinders allow selection of any material ratio setting**
- ▶ **Dual servo motor drive motors maintains preset fluid ratio and desired flow rate**
- ▶ **Positive Rod Displacement metering technology for precision dispensing**
- ▶ **Flow rate is variable during the dispense cycle while maintaining ratio specification**
- ▶ **Designed for low to high viscosity unfilled and abrasive filled materials**
- ▶ **Designed for high and low flow rates**
- ▶ **Includes wear resistant wetted components and long life seals**
- ▶ **Wide selection of ratio ranges**
- ▶ **Wide selection of volume ranges**
- ▶ **Able to dispense varying shot sizes throughout the dispense cycle**
- ▶ **See Servo-Flo 605 for enclosed systems**

Dual Servo Drive Meter Mix Dispense System for Adhesive and Sealant Materials

Servo-Flo 105 efficiently dispenses 2-component materials in high volume production or manual application environments. It's ideal for applications demanding precision volumetric shot or bead profile dispensing of low viscosity or viscous and abrasive materials.

The material is supplied by low or high pressure supply pumps or pressure tanks.

The meter delivers on-ratio material to a wide variety of automatic or manual 2-component fluid dispense valves.

Typical Applications

- Precision Robotic Bead dispensing
- Robotic Shot dispense applications
- Filling and potting applications
- Different bead/shot volumes per part
- Automated line applications
- Robotic arm or pedestal mounting

Servo-Flo[®] 105 - Variable Ratio Meter



Features:

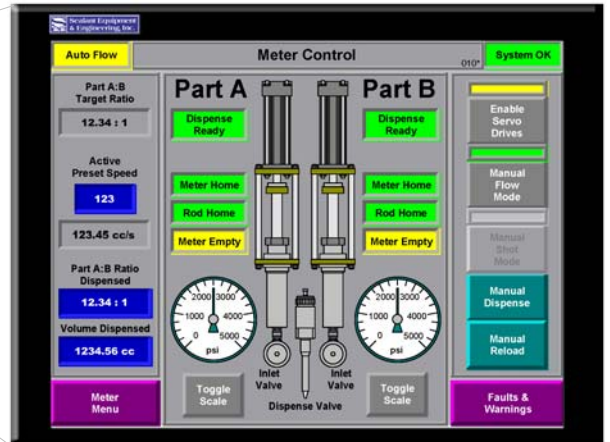
- Robot, Pedestal or Frame mounted meter system
- Configure for any ratio 2-part material
- Configure for abrasive and heated materials
- Configure with supply pumps or tanks
- Adjustable ratio meter with bead-start control
- Control panel with color touch screen interface
- Various hose lengths to automatic or manual 2-component mix and dispense valve
- Optional water heat/cool or electrically heated material temperature control
- Optional material filters available
- Optional foot pedal dispense control

Specifications:

- Up to 460 cc volume at 1:1 volumetric ratio
- 230 VAC power supply recommended
- Up to 120 cc/second flow rate at 1:1 ratio
- Supply Pump or Pressure Tank material supply
- Compatible seal materials are selected at order



**Servo-Flo 105
Mounted on Pedestal
for a Part held by Robot**



3 Available Levels of Operator Interface Controls:

- Basic Series interface screen
- Intermediate Series interface screen (shown)
- Expanded Series interface screen



Manufacturers of Precision Dispense Systems & Valves

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Form SF105-002 Rev. A