

Variable Ratio, Positive Rod Displacement Meter System



**Servo-Flo 105
Variable Ratio Meter System**

- ▶ **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 low and high flow rates**
- ▶ **Includes wear resistant wetted components and long life seals**
- ▶ **Wide selection of ratio ranges**
- ▶ **Wide selection of volume ranges**
- ▶ **Able to vary flow rate 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

- Shot dispense applications
- Bead profile dispensing
- Electronic potting applications
- Different shot volumes per part
- Automated dispensing applications
- Robotic dispensing processes
- Manual dispensing applications

Servo-Flo[®] 105 - Variable Ratio Meter



Features:

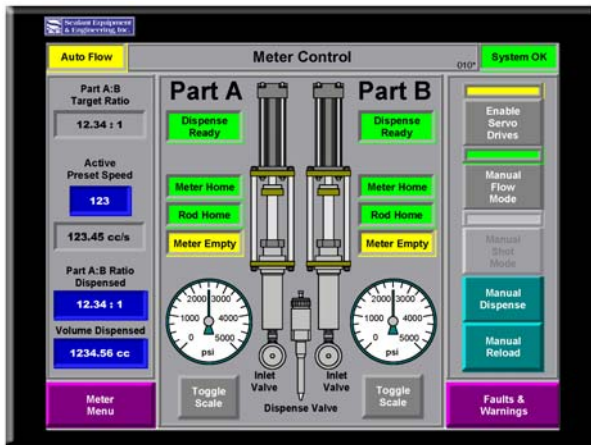
- Frame or Cart mounted meter system
- Configured for abrasive and heated materials
- Optional water heat/cool or electrically heated material temperature control
- Optional material filters available
- Carts available to support supply pumps or tanks, meter and control panel
- Variable hose lengths to automatic or manual 2-component mix and dispense valve
- 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 Meter System and Control Panel mounted on a portable cart



3 Levels of Operator Interface Controls:

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



Manufacturers of Precision Dispense Systems & Valves

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