

Servo-Motor Driven 2-Component Meter System



Servo-Flo 801 Meter System with  
2200-545-037 Mix Dispense Valve

**Micro-Meter 2 Series**

Available in Servo (shown), Air-Over-Oil or Pneumatic drive for precision dispensing of small metered amounts of 2-component adhesives, sealants, silicones, epoxies, urethanes and other materials.

**Bead Profile or Shot Volume Dispensing**

The precision positive rod displacement meter will dispense at a preset flow rate and produce consistent bead profiles or exact shot volumes desired.

**Integration**

The air-over-oil drive and positive displacement meter allows complete user control over the amount that is dispensed and the material flow rate. The **Micro-Meter 2** is readily integrated into automation equipment such as robotic or XYZ motion (shown).

- ▶ Apply small beads, or metered shots of a precisely mixed 2-component material on-ratio
- ▶ The fixed-ratio, positive rod displacement meter has seal options to match material requirements for long life
- ▶ Dispense 2-part epoxy, urethane or silicone mixed material volumes from 0.02 cc up to 7.2 cc (at 1:1 ratio)
- ▶ Electric servo-drive provides a precise and consistent flow of mixed material onto or into your part
- ▶ Heavy duty construction for high cycle applications
- ▶ Mix-Dispense valve is remote or meter mounted
- ▶ Disposable No-Flush™ motionless mixers are easy to use and easily replaced
- ▶ Readily mounts and integrates to automation: robotic, XYZ motion or automated part transfer systems



Servo-Flo 801 Meter System Mounted  
On Fence of XYZ Motion Dispenser

# Servo-Flo 801 Meter Mix Dispense System



## Servo-Flo 801 Features

- Micrometer adjustment stroke control
- Allen Bradley Panel View programmable operator interface for automation integration
- Single acting, divorced design meter
- Precision shot or beads of 2-component materials
- Air powered inlet and outlet flow control valves with carbide ball and seat for long life
- Mounting holes for frame or bracket mounting
- Material supply options: Pressure Tanks; Cartridges; 5g or 55g Supply Pumps
- Mix-Dispense Valve Options: No-Drip Dual Spool Valve for low-viscosity materials; Snuf-Bak Dual Spool Valves for medium to high viscosity and stringy materials

## Servo-Flo 801 Technical Information

- Volume range: 0.02 cc to 7.2 cc (at 1:1)
- Fixed Ratios: 1:1 to 10:1 and beyond
- Positive displacement rod metering
- Servo-motor drive for precision flow rates
- Body Dimensions: 3.75" x 5" x 32.1" high
- Material Fluid Ports: 1/4" NPT (4)
- Pressure Transducer Ports: (2)
- Mounting Holes: 10-24 UNC x .38" (4)
- Mounting Dimensions: 1.625" w x 3.25" h
- Includes protective guards

## Typical Applications:



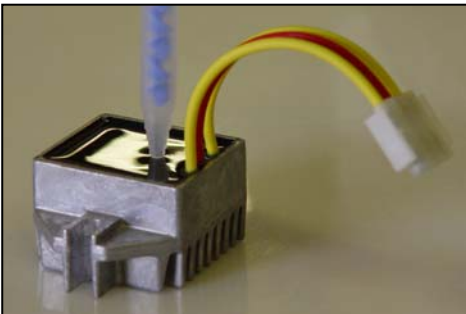
Bonding Parts



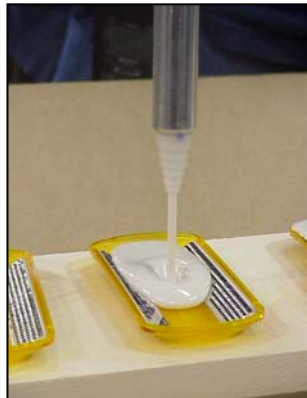
Sealing



Encapsulating



Potting Assemblies



Filling Products



Gasketing Covers with a Remote Mounted Mix-Dispense Valve



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