

Precision Bead and Shot Dispensing of 1-Component Materials



- ▶ Positive Displacement metering of 1-component materials
- ▶ Servo drive motor for precision bead control
- ▶ Dispense 0.01 cc's to 3.62 cc's per cycle
- ▶ Positive Rod Displacement Technology insures precision and accuracy
- ▶ Variable flow rate control capability
- ▶ Panel View operator interface controls
- ▶ Readily Integrated into Automation
- ▶ Remote mounted Dispense Valve option

Micro-Meter 1

For the precision dispensing of small metered amounts of single component adhesives, sealants, RTV silicones, lubricants or other fluids and pastes.

Bead Dispensing

The precision positive displacement meter will dispense at variable flow rates and produce consistent beads regardless of the profile required.

Control

The servo drive, positive displacement meter allows complete user control over the amount that is dispensed and the material flow rate. The **Micro-Meter 1** is readily integrated into automation equipment.

Single Component Materials

The **Micro-Meter 1** will meter and dispense a broad range of single component materials (epoxy, silicone, urethane, sealants, grease/lubricants). Carbide power valves and the positive displacement meter piston make this unit ideal for dispensing materials with viscosities ranging from very thin through highly viscous and abrasive materials.

Micro-Meter[®] 1 Dispense System



Features

- Positive displacement rod metering with adjustable packing
- Integrated servo drive with Allen Bradley Panel View operator interface with programmable controls
- Single acting, divorced design meter
- Precision shot or beads of single component materials
- Volume displacement range: 0.01cc to 3.6cc
- Air powered inlet and outlet valves with carbide ball and seat
- Tapped mounting holes
- Optional material supply: Pressure Tanks; Cartridges; Pumps



Integrated dispense valve accepts
a wide variety of nozzles



Remote mounted
control panel has
easy to operate
dispense settings



Manufacturers of Precision Dispense Systems & Valves

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