

## Air-Oil Positive Rod Displacement Meter System



See-Bead  
Shot Meter

- ▶ One-part positive rod displacement metering provides positive displacement dispensing accuracy without the need for flow meters
- ▶ The Air-Draulic™ motor drive See-Bead is engineered for automation and manual dispensing applications
- ▶ The drive and meter are integrated into a single module for compact mounting applications
- ▶ Its air-oil 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
- ▶ With nearer the point-of-application metering, the See-Bead provides very good response time

The **See-Bead** metering system applies uniform beads or precise shots of single component adhesives or sealants. The air-oil drive and positive displacement metering unit provides a highly accurate dispensing design available.

This mechanically robust design uses electronic control of meter 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

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

# See-Bead System Controls



Color Touch Screen Operator Interface



Excellent for Precision Bead Applications



Keypad (with Screen) Operator Interface



Keypad Operator Interface  
with 6-Zone Material Heat Control



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