

MMV™

Micro Metering Valve

MMV is used for accurate shot metering during small parts assembly and encapsulation.

2

Features and Benefits

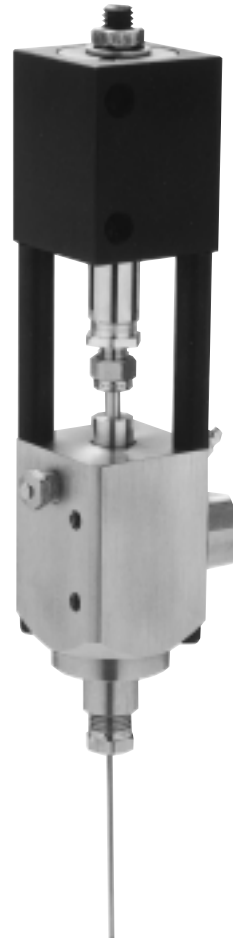
- Positive displacement design provides high accuracy and repeatability, regardless of viscosity and fluid inlet pressure variations
- Threaded stroke limiter on the back of the air cylinder makes shot size easily adjustable
- Simple, all-pneumatic operation
- Minimal retained volume in dispense chamber assures fluid inventory exchange

Typical Applications

- Apply beads and drops for assembly applications
- Electrical potting and encapsulation

Typical Fluids Handled

- Adhesives
- Potting compounds
- Encapsulants
- Sealants
- Plastisols
- Lubricants



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Technical Specifications

Max. fluid inlet pressure 100 psi (7 bar; 0.7 MPa)
 Max. air inlet pressure 100 psi (7 bar; 0.7 MPa)
 Fluid inlet 3/8 npt(f)
 Fluid outlet 1/4 npt(f)
 Air inlets (requires 4 way air valve) (2) 1/8 npt(f)
 Dimensions 9.25 in. L x 1.75 in. W x 2.9 in. D
 (235 mm L x 44.5 mm W x 73.7 mm D)
 Weight 2.9 lbs (1.32 kg)
 Mounting (2) 1/4-20 UNC threaded, 5 in. (12.5 mm) deep

Ordering Information

692-125 MMV 125
 Shot range: 0.025-0.201 cc
692-250 MMV 250
 Shot range: 0.100-0.804 cc
692-500 MMV 500
 Shot range: 0.400-3.21 cc

