


 MMV™

## Micro Metering Valve

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

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### Features and Benefits

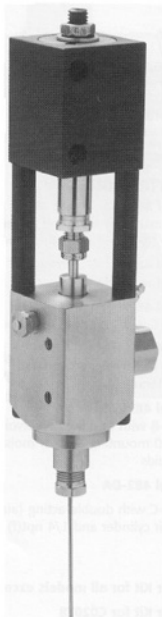
- Positive displacement design provides high accuracy and repeatability, regardless of viscosity and fluid inlet pressure variations
- Threaded stroke limiter on the back of the air cylinder makes shot size easily adjustable
- Simple, all-pneumatic operation
- Minimal retained volume in dispense chamber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



**MMV™****Micro Metering Valve****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**

<b>692125</b>	<b>MMV 125</b> Shot range: 0.025-0.201 cc
<b>692250</b>	<b>MMV 250</b> Shot range: 0.100-0.804 cc
<b>692500</b>	<b>MMV 500</b> Shot range: 0.400-3.21 cc