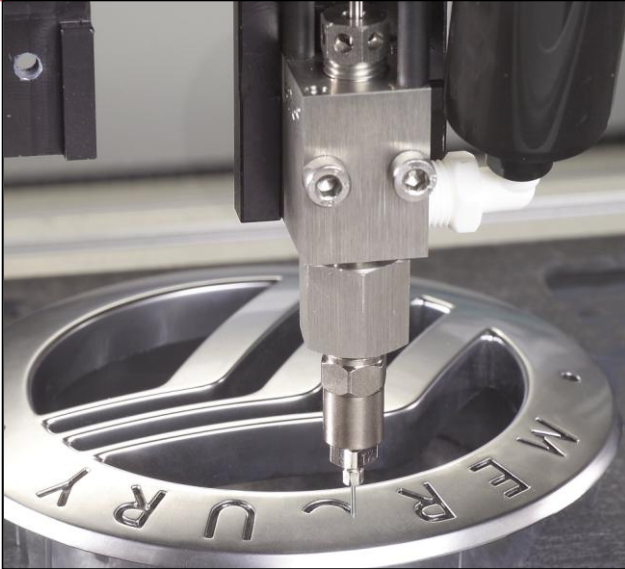




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## VALVE SPECIFICATIONS

### Dimensions

171.5 mm x 19 mm x 19 mm  
(6.75" x 0.75" x 0.75")

### Weight

7 oz

### Viscosity Range

1 cps – Paste

### Operating Air Pressure

60 – 100 psi

### Maximum Inlet Fluid Pressure

3500 psi

### Wetted Components

Stainless steel, Teflon<sup>®</sup>, Kalrez<sup>®</sup>

## FC100-MC STAINLESS STEEL DISPENSING VALVE

The FC100-MC is a versatile dispensing valve for single-component bead, dot, potting, or encapsulation projects. The FC100-MC features a lightweight, compact design that makes it an ideal choice for any automated or handheld process. Improving upon the traditional FC100 valve design, the FC100-MC features a micrometer flow adjustment that makes fine tuning of your process easier than ever.

The FC100-MC is compatible with all PVA automated platforms.

The FC100-MC has many integrated features including:

- ▲ 300 series stainless steel fluid body for superior material compatibility
- ▲ Micrometer flow adjustment with lock nut
- ▲ Divorced valve design prevents material contamination of the air section
- ▲ Reversible valve seat
- ▲ Spring-assisted valve closure for reliable cycle stops
- ▲ Compatible with all Luer-Lok<sup>™</sup> needle tip designs
- ▲ High inlet pressure rating allows for processing of viscous chemistries

For more information, please contact PVA at [info@pva.net](mailto:info@pva.net) or 1-518-371-2684.

PVA also offers the following products to improve your dispensing application:

### FC100

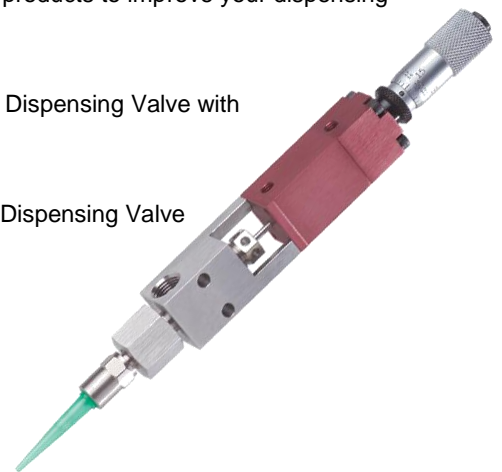
Stainless Steel Front Closing Dispensing Valve with Standard Flow Adjustment

### FC300

High Volume Stainless Steel Dispensing Valve

### FC1-MC-SP

FC100-MC Spare Parts Kit



One Mustang Drive  
Cohoes NY 12047  
tel 518 371 2684  
fx 518 371 2688  
[www.pva.net](http://www.pva.net)

Luer Lok<sup>™</sup> is a Becton Dickinson and Co. trademark.  
Teflon<sup>®</sup> and Kalrez<sup>®</sup> are registered trademarks of Dupont.

# FC100-MC Mounting Dimensions

