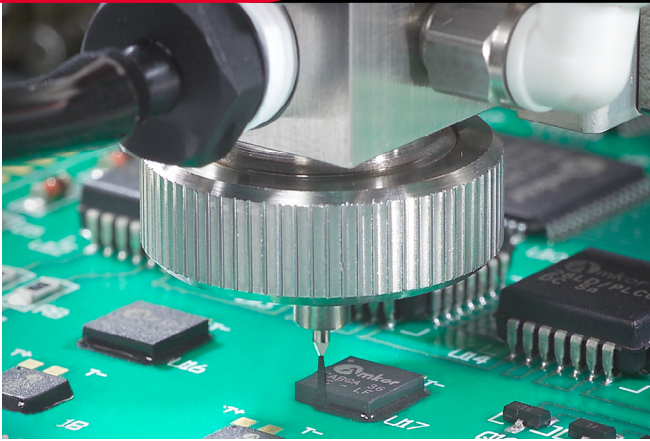




INNOVATION. PRECISION. EXCELLENCE.



Valve Specifications

Dimensions

152 mm x 37 mm x 94 mm
(6.00 in x 1.46 in x 3.70 in)

Minimum Shot Size

0.83 μ l

Minimum Line Width

0.25 mm (0.010 in)

Minimum Orifice Inside Diameter

0.08 mm (0.003 in)

Viscosity Range

1 - 20,000 cps

Operating Air Pressure

60 - 100 psi

Operating Fluid Pressure

1 - 100 psi

Wetted Components

Stainless Steel, Teflon®, Kalrez®



FCM200

Non-Contact Micro Dispensing Valve

The FCM200 Micro Dispensing Valve features reduced flow path volume and enhanced actuation for cleaner line breaks. The FCM200 is suitable for streaming lines or dispensing dots of low to moderate viscosity underfill, encapsulants, conformal coatings, and lubricants. The FCM200 can apply fluids at up to 8 mm (0.31 in) above the substrate to create a true “non-contact” application. The FCM200 is compatible with all PVA automated platforms.

The FCM200 has many integrated features including:

- Interchangeable tip and nozzle retainer designs for various dispensing profiles
- Integrated self cleaning nozzle feature
- On board syringe bracket with optional low level sensor
- Optional valve heating for viscosity control
- Micrometer flow adjustment with lock ring
- Highly repeatable results with superior pattern definition
- Quiet, pulse-free operation

For more information, please contact PVA at info@pva.net or contact your local representative.

Teflon® is a registered trademark of Dupont.

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FCM200 Mounting Dimensions

