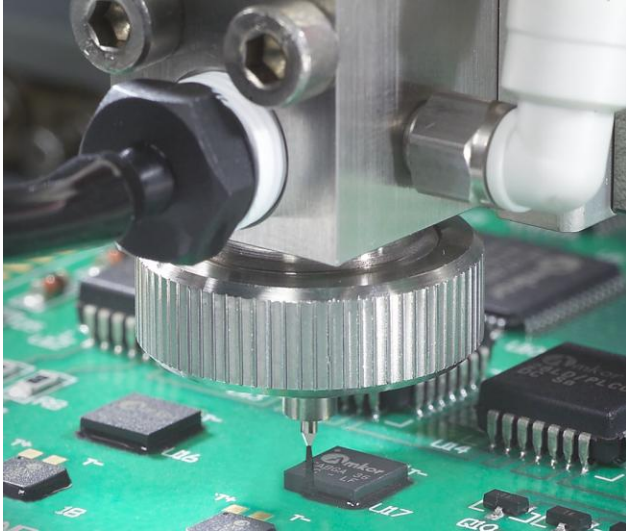




**WHERE
PRECISION
DRIVES
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VALVE SPECIFICATIONS

Dimensions:

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

Minimum Shot Size:

0.83 μ l

Minimum Line Width:

0.25 mm (0.010")

Minimum Orifice Inside Diameter:

0.08 mm (0.003")

Viscosity Range:

1 cps – 20,000 cps

Operating Air Pressure:

60 – 100 psi

Operating Fluid Pressure:

1-100 psi

Wetted Components:

Stainless steel, Teflon[®], Kalrez[®]

FCM200

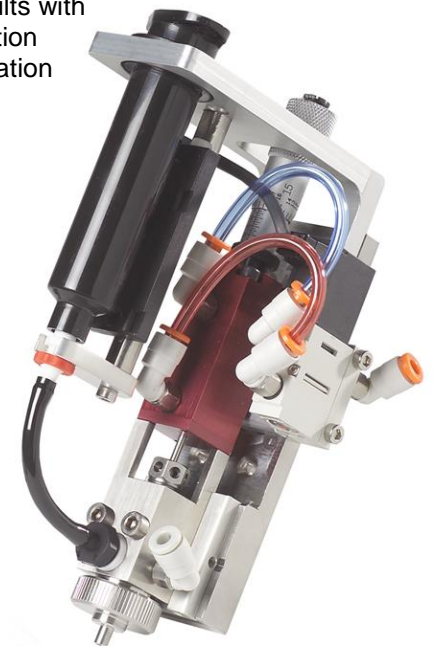
NON-CONTACT MICRO DISPENSING VALVE

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 8mm 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 1-518-371-2684.



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Sept. 2010

FCM200 Mounting Dimensions

