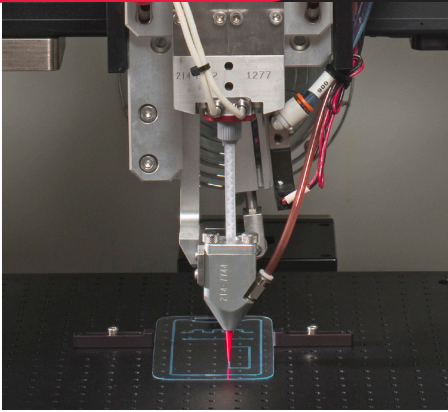




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VALVE SPECIFICATIONS

Dimensions

27.1 mm x 54.2 mm x 265 mm
(1.07 in x 2.14 in x 10.43 in)

Operating Temperature

10°C – 40°C
(50°F – 104°F)

Flow Rate

.008 - 12 ml/min (at 1:1 ratio)

Maximum Inlet Fluid Pressure

90 psi (6 bar)

Viscosity Range

1 cps – 100,000+ cps

Wetted Components

Stainless Steel, Kalrez®

Inlet

1/8" NPT Female

VPX-2K

Volumetric Pump

The VPX-2K Volumetric Pump is a dual dispenser designed for applying small volumes of 2-part adhesives in lines or dots with a high level of control. The unit uses the progressive cavity principle, which utilizes a specially machined auger-like rotor that couples with a rubberized seal to displace small sealed cavities of fluid through the unit in a continuous flow.

Close tolerances on the sealing mechanism provide pulse-free and drip-free operation with almost any viscosity fluid. The VPX-2K provides the capability of a gear plus rod displacement pump rolled into one convenient package.

The VPX-2K has many integrated features including:

- High precision +/- 2% (material dependent)
- Servo controlled
- Programmable 1:1 – 10:1 ratio
- Works with filled or unfilled fluids
- Will not damage or alter filler properties
- Syringe, cartridge, or remote reservoir feed
- Easy disassembly and cleaning
- Integrated pressure monitoring at the pump outlet

For more information, please contact PVA at info@pva.net or 518-371-2684.



VPX-2K Dimensions

