



INNOVATION. **PRECISION.** EXCELLENCE.



System Specifications

Maximum Fluid Pressure

1000 psi (70 bar) standard
3000 psi (210 bar) also available

Material Port Size

1/8 in NPT

Resolution

0.001 cc

Viscosity Range

Flowable materials

A gear style flow monitor option is available for higher viscosity materials that require inlet pressures in excess of 1000 psi.



PVA-OP-10 Flow Monitor

Inline flow monitoring systems allow precise data feedback on material quantities applied during each application cycle. This data is displayed in Portal and can be downloaded to a dedicated personal computer, or sent to a networked computing system for charting results over time.

Flow monitoring is a reliable process control option that can alert an operator to a variety of issues that may affect the volume applied during an operation. As a dispense program is optimized, a targeted volume is achieved. Any allowable deviation from this target is determined by the program and is specific to the given dispense path.

The application process will work seamlessly unless an out of tolerance volume is obtained. In the event a cycle does not produce a volume consistent with the allowable range, a fault mode will ensue.

Flow monitoring has many integrated features including:

- Data acquisition capability for charting volume consistency over time
- Real time data feedback on every assembly processed
- Resolution of 0.001 cubic centimeters
- Piston style material monitor

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

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