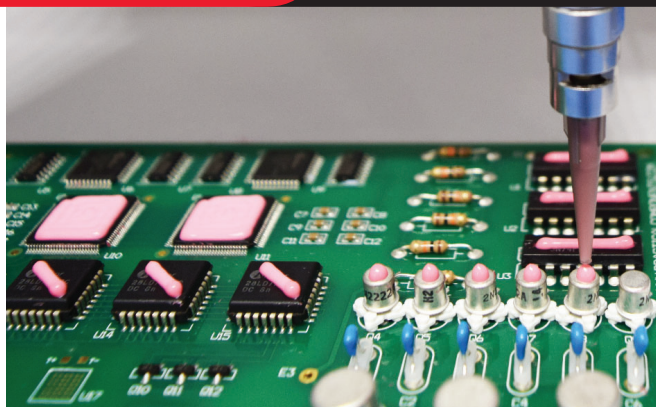




INNOVATION. **PRECISION.** EXCELLENCE.



Pump Specifications

Operating Temperature

10 - 40°C (50 - 104° F)

Viscosity Range

1 - 500,000+ cps

Max Inlet Fluid Pressure

85 psi

Wetted Components

Stainless Steel/FFKM
Carbide/EPDM

Dimensions, Flow Rate, and Fluid Inlet will vary based on pump size. See table on page 2.



PCP Series

Progressive Cavity Pump

The PCP Series of progressive cavity pumps bring superior volumetric accuracy to your most demanding dispensing applications. Progressive cavity pumps feature a machined rotor that couples with a rubberized seal to assure drip-free operation with a wide range of viscous chemistries. Each servo-controlled rotor displaces a fixed volume of material per revolution. This true positive displacement process assures consistent volume regardless of slight material variations.

The PCP Series features five different rotor sizes allowing the end user to select their ideal flow rate. An optional carbide rotor allows processing of filled or abrasive chemistries while extending the life of the rotor.

The PCP Series has many additional integrated features including:

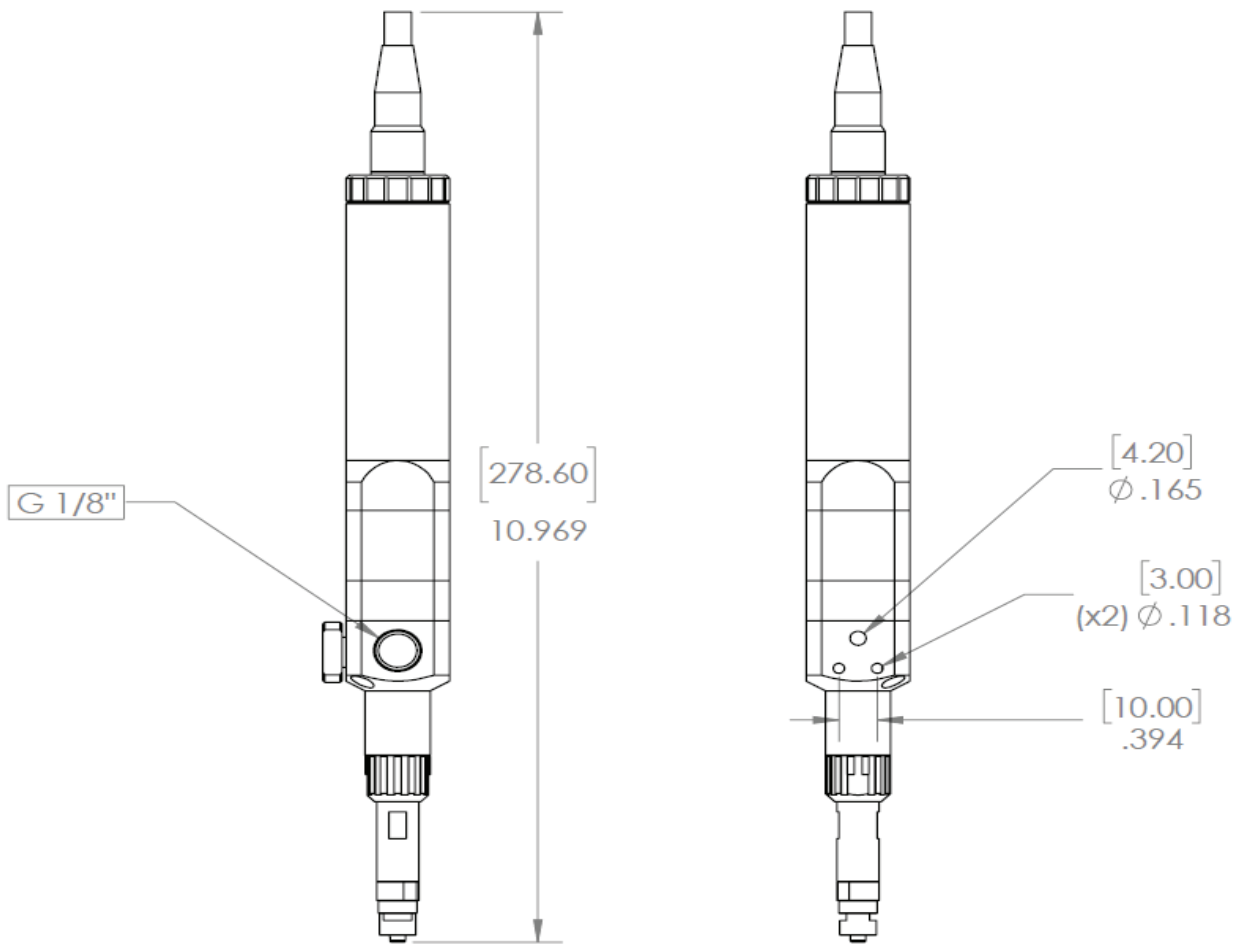
- Programmable flow rate for a customized dispensing process
- High precision dosing within +/-1%
- Continuous dispensing process for efficient operation and no refilling
- Self sealing operation prevents dripping
- Optional carbide rotor
- Luer lock outlet connection

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

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PCP Mounting Dimensions



*Dimensions may vary based on pump size

Model Specifications

Model Number	Dimensions (mm)	Rotor Material	Standard Stator Material	Nominal Displacement (ml/rev)	Minimum Flow Rate (ml/min)	Maximum Flow Rate (ml/min)
PCP015	27 x 27 x 230	SS	FFKM	0.017	0.017	1.703*
PCP015-C	27 x 27 x 230	TC	EPDM	0.010	0.010	0.097
PCP050	27 x 27 x 230	SS	FFKM	0.043	0.043	4.340*
PCP050-C	27 x 27 x 230	TC	EPDM	0.033	0.033	0.329
PCP150	29 x 29 x 280	SS	FFKM	0.175	0.175	17.549*
PCP150-C	29 x 29 x 280	TC	EPDM	0.178	0.178	1.782
PCP500	29 x 29 x 280	SS	FFKM	0.432	0.432	43.201*
PCP500-C	29 x 29 x 280	TC	EPDM	0.369	0.369	3.687
PCP1000	29 x 29 x 312	SS	FFKM	0.976	0.976	97.587*
PCP1000-C	29 x 29 x 312	TC	EPDM	0.848	0.848	8.480

*Maximum flow rate for low viscosity material