



INNOVATION. PRECISION. EXCELLENCE.



## System Specifications

### Available Pumping Systems

<b>SPP</b>	Servo Piston Pump
<b>SCTP</b>	Servo Cartridge Pump
<b>SGP</b>	Servo Gear Pump
<b>PCTP</b>	Pneumatic Cartridge Pump

### Valve Applicators

Single Component	
<b>FC100</b>	Front Closing Needle Valve
<b>FC300</b>	Front Closing Needle Valve High Flow *Available in Carbide
<b>SB300</b>	Snuffback Rear Closing Valve *Available in Carbide
Dual Component	
<b>PC100</b>	Front Closing Needle Valve
<b>PC150</b>	Snuffback Rear Closing Valve
<b>PC200</b>	Snuffback Rear Closing Valve *Available in Carbide
<b>DX100</b>	Dynamic Mix Valve Rear Closing

\*Most two-position pneumatically actuated valves can be controlled by the Endurance system

### Air Requirements

80 psi dry un lubricated air

### Power Requirements

120 V, 220 V/50-60 Hz

### Footprint

685 mm x 600 mm x 805 mm  
(27 in x 24 in x 61 in)

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## Endurance Dispensing Metering Module

PVA's Endurance dispensing package bundles multiple dispensing and pumping technologies into one complete and versatile solution. With a variety of available pumping systems and valve applicators, Endurance can be designed to meet your specific dispensing needs.

The dispensing control system on Endurance can be configured to operate as a standalone manual application or fixed valve application with a manual push button or foot pedal activation. It can also be integrated with a PVA automation workcell or with a customer provided automation system.

Endurance's closed loop servo drive allows you to program a number of functions through a menu-driven HMI. Functions include shot size, mix ratio, flow rate, pressure control, auto purge, low material detection/warning, material color sensor, and vacuum degas.

The Endurance package provides a solution for a variety of applications including potting, gap filling, mold filling, bonding, gasketing, dosing and mixing, as well as dynamic mixing.

For more information, please contact PVA at [info@pva.net](mailto:info@pva.net) or (518) 371-2684.

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# Dimensions

