System Specifications

Available Pumping Systems

SCTP	Servo Cartridge Pump
SGP	Servo Gear Pump
PCTP	Pneumatic Cartridge Pump
SRP	Servo Rod Pump

Valve Applicators

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

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

Air Requirements
80 psi dry unlubricated 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)

REV A - 8/19/20

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 or (518) 371-2684.

Dimensions

[72.4]
2.85

[72.4]
2.85

[85]
3.35

[85]
3.35

[555] POWER
21.85

AIR

[684.8]
26.96

[1480.6]
58.29