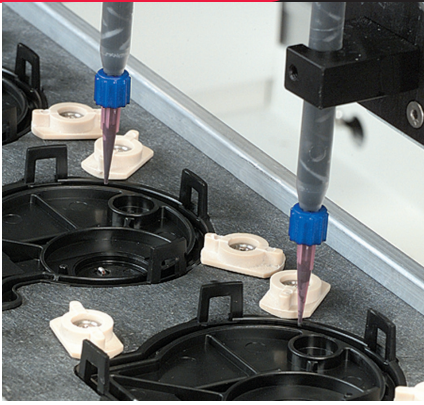


The PVA logo consists of the letters 'PVA' in a bold, white, sans-serif font, set against a black oval background. A small red triangle is positioned above the letter 'A'.

WHERE
PRECISION
DRIVES
PRODUCTION



SYSTEM SPECIFICATIONS

Mix Ratio

1:1 to 15:1

Viscosity Range

10-1 million cps

Maximum Shot Size

60 cc or 120 cc available
(continuous flow available with back to
back metering systems)

Flow Rate

0.5 to 500 cc/min



MX1000

Rod Displacement Meter-Mix Dispensing

PVA's MX1000 rod displacement systems is an ideal choice for meter-mix dispensing applications using heavily filled, abrasive materials. The rod displacement design eliminates metal to metal contact and does not contain wearable dynamic seals.

Closed loop servo drives enable the operator to program the mix ratio, shot size, flow rate, pressure control, vacuum degas, recirculation, and auto purge functions via a menu-driven HMI.

PVA's rod displacement metering system has many additional integrated features including:

- Carbide rod for long life
- Rugged steel frame eliminates tie rod design for easy setup and maintenance
- Four carbide rod sizes available for superior resolution

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

Meter Mix Dispensing Systems

PVA manufactures single and plural component metering systems customized to each specific requirement. Stand alone metering systems not integrated onto a PVA robotic platform come with a stand alone controller allowing multiple dispensing profiles to be stored. Within each profile, automatic purge modes and variable flow rates are available. PVA metering systems feature closed-loop servo drives for added repeatability and dispense volume accuracy. All stand alone meter mix systems include an enclosure and are mounted in a frame or custom cart with casters.

Material Delivery Systems

- One liter to 30 gallon pressure vessel options
- Cartridge retainers and pumps
- Five gallon pail and 55 gallon drum pumps
- Automatic material crossover options
- High pressure material regulators and filters

Optional Process Control Features

- Low level material sensors
- Material agitators
- Vacuum degassing
- Heated material tank, hose assemblies
- Recirculation systems
- Material flow monitoring with data collection

*All metering systems are servo driven

Dispense Valves					
Model	Type	Ratio	Flow Rate	Viscosity	Application
PC200-TCM	Snuff Back	1:1	High	Med to High	Abrasive Materials
PC200R-SS	Snuff Back	1:1 or Wide	Med	Low to High	Reduced Snuff Back
PC200RW-SS	Snuff Back	Wide	Med	Low to High	Wide A/B Viscosity Delta
DX100-CR	Snuff Back	1:1 or Wide	High	Low to Med	Difficult to Mix Materials
DX100-WR	Front Closing/ Snuff Back	Wide	Med	Low to Med	Difficult to Mix Materials

Typical Applications

- Potting and encapsulation
- Form in place gasketing
- Laminating
- Sealing
- Adhesive/assembly operations
- Coating

Key Markets

- Automotive
- Electronics
- Solar and wind energy
- Aerospace
- Consumer goods
- Medical