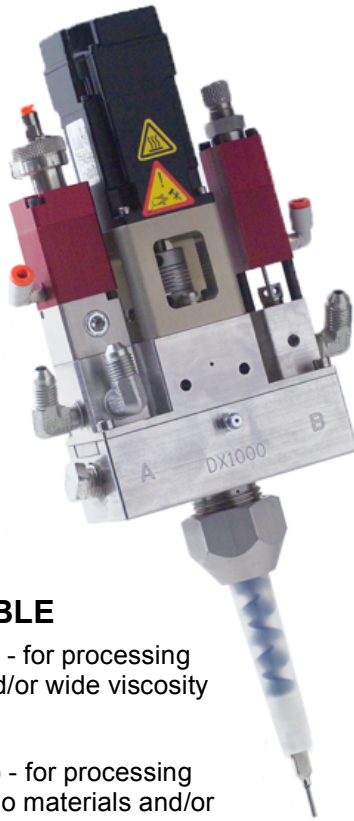




**WHERE
PRECISION
DRIVES
PRODUCTION**



DX100 DYNAMIC MIXING VALVE

The DX100 Dynamic Mixing Valve is ideal for difficult to mix, two component materials that have wide ratio, and/or a wide viscosity delta between part A and B. It is also fitting in situations where space is limited and a long static mixer cannot be used. The DX100 can be used in both manual and automated meter mix processes.

Ideal for difficult to mix and wide ratio materials:

Epoxies
Urethanes
Silicones

Applications:

Form in place gasketing
Potting
Encapsulation
Casting

The DX100 has many integrated features including:

- ▲ Servo driven dynamic mixer for accurate mixing speeds and process control
- ▲ Stainless steel wetted parts and valve body
- ▲ Divorced design prevents fluid from contaminating the valve actuators
- ▲ Separate material paths prevent mixing prior to leaving the valve body
- ▲ High pressure capability allows processing of high viscosity materials
- ▲ Compact design for easy manual or automated integration

For more information on PVA's dispensing capabilities, please contact us at info@pva.net or 1-518-371-2684.

MODELS AVAILABLE

DX100-WR (wide ratio) - for processing wide ratio materials and/or wide viscosity between part A and B

DX100-CR (close ratio) - for processing difficult to mix close ratio materials and/or materials with similar viscosities

VALVE SPECIFICATIONS

Dimensions:

102 mm x 40 mm x 187 mm
(4 in x 1.56 in x 7.375 in)

Weight

2.9 Kg (6.4 lbs)

Viscosity Range

1 to 1,000,000 cps

Ratio

1:1 to 50:1

Operating Air Pressure

60 – 100 psi

Maximum Fluid Pressure

750 psi

Wetted Components

300 Series Stainless Steel
Polyurethane and Viton **or** Teflon® seals

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