



INNOVATION. PRECISION. EXCELLENCE.

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 5,000 cps

Ratio

1:1 to 50:1

Operating Air Pressure

60 – 100 psi

Maximum Fluid Pressure

750 psi

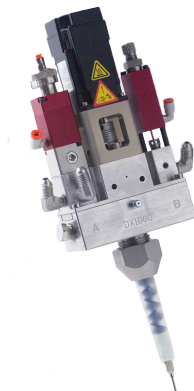
Wetted Components

300 Series Stainless Steel
Polyurethane and Viton or Teflon® seals

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



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

Teflon® is a registered trademark of Dupont.

Headquarters
6 Corporate Drive | Halfmoon, NY 12065
tel +1 518 371 2684 | fx +1 518 371 2688
www.pva.net | info@pva.net