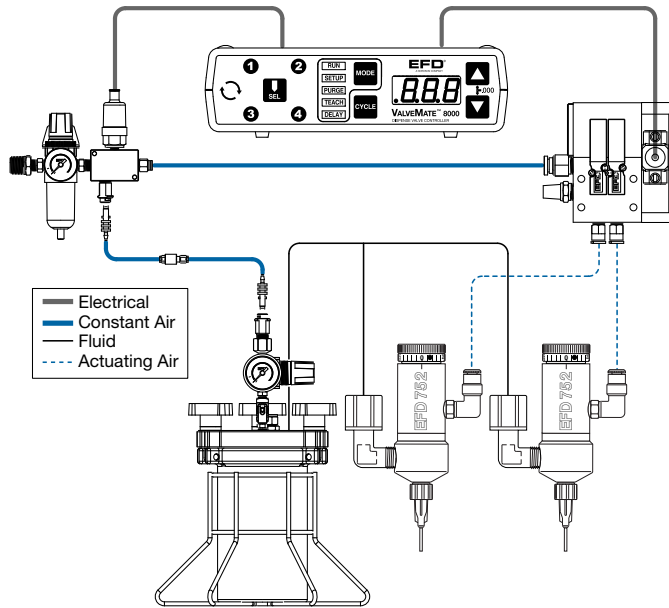


Diaphragm valve systems

The complete system includes the 752V Series valve, ValveMate™ 8000 controller, the fluid reservoir and dispense tip.

Expert technical assistance and high quality standards ensure productive, trouble-free performance. EFD offers a full line of reliable dispensing systems to meet your specific application requirements.



752V Series Valves

The 752V Series valves are used with ValveMate 8000 controllers or EFD TT automation system for precise, repeatable outputs of low to medium viscosity fluids.

The 752V Series wetted components are inert plastics and use the same actuating assembly and diaphragm. Each valve can be calibrated with the stroke reference knob for process control.

The amount dispensed depends on valve open time, fluid pressure, fluid viscosity, flow adjustment and tip size.

752V-UHSS	Size: 79.5 mm x 26.9 mm diameter (3.13" x 1.06")
	Weight: 173.6 grams (6.12 oz)
752V-SS	Size: 79.5 mm x 26.9 mm diameter (3.13" x 1.06")
	Weight: 181.4 grams (6.4 oz)
752V	Size: 79.5 mm x 26.9 mm diameter (3.13" x 1.06")
	Weight: 105 grams (3.7 oz)

Actuating air pressure required: 70 psi (4.8 bar)

Maximum fluid pressure: 70 psi (4.8 bar)

Fluid inlet thread: 1/8 NPT female

Fluid outlet thread: 1/4-28 UNF

Mounting: (1) 10-32 UNF tapped hole

Cycle rate: Exceeds 500 per minute

Air cylinder body: 752V-UHSS: Type 303 stainless steel
752V-SS: Type 303 stainless steel
752V: Hard-coated aluminum

Fluid body: UHMW* polyethylene, FDA approved

Fluid body options: Acetal, 303 stainless steel, Teflon®

Piston and piston rod: Type 303 stainless steel

Tip adapter: Polypropylene

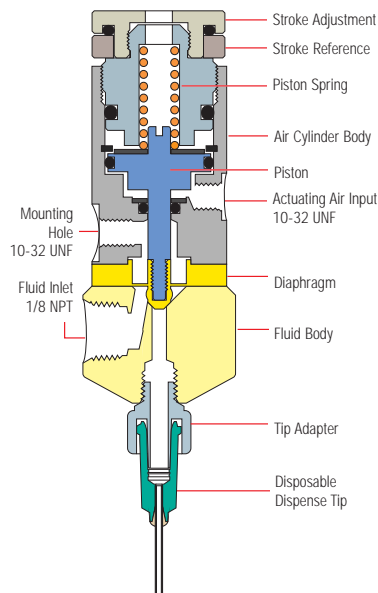
Diaphragm: UHMW* polyethylene, FDA approved

Diaphragm option: Teflon®

Wetted parts: Fluid body, diaphragm, tip adapter

All stainless steel parts are passivated.

*Ultra High Molecular Weight polyethylene



752V-UHSS
75% actual size

ValveMate 8000 Controller

Valve open time is the primary control of deposit size. The ValveMate controller puts push-button adjustment of valve open time where it needs to be — at the valve.

- Multi-valve control- up to (4) valves
- Partner to Programmable Logic Controller (PLC)
- Easy deposit size control
- Increased production output
- End user convenience
- On-the-fly adjustability
- Maximum machine efficiency

Optional: XYZ Dispensing System

The TT xyz dispensing system incorporates all functions of the ValveMate controller. Compact 3-axis tabletop system offers consistent deposit repeatability. Work area: 325 x 325 x 100 mm or 525 x 525 x 100 mm.

Fluid Reservoirs

EFD reservoirs are supplied with precision, constant-bleed regulators to ensure consistent fluid pressure to the valve. Tank reservoirs are available in 1.0, 5.0 and 19.0 liter capacities. Optimum™ Retainer Systems and Cartridges are available from 2.5 to 32 ounces (75cc to 950cc).

Note: The 1.0 liter tank accepts a 1 lb. bottle of cyanoacrylate.

Dispense Tips

Tip selection is critical to achieve optimum valve performance. 752V Series valves are packaged with an Ultra dispensing tip kit for maximum fluid control. The kit includes smooth-flow tapered tips in sizes from 14 to 25 gauge, precision stainless steel tips in sizes from 14 to 21 gauge, and tip caps.



For EFD sales and service in over 30 countries, contact EFD or go to www.efd-inc.com

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