

752HF High Flow Diaphragm Valves



The 752HF Series high flow diaphragm valve provides precise, drip-free dispensing of UV-cure resins and similar fluids used in the media manufacturing of DVDs, Blu-Ray DVDs, and CDs.

Rating: Not Rated Yet

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Description

Designed for smooth, unrestricted material flow, the 752HF reduces turbulence and prevents micro-bubbles from forming. This creates a more consistent, higher-quality end product with fewer rejects.

The compact and lightweight 752HF-SS provides controlled, bubble-free dispensing for bonding and lacquer coatings. It features a 303 stainless steel fluid body, tamper-resistant stroke control adjustment, and a low-maintenance design. The 752HF-A is the same as the 752HF-SS, but features an acetal copolymer fluid body.

Features

- High-flow capability for thicker UV-cure coatings
- Valve open time as short as 15 milliseconds
- Positive shutoff, no seals
- Cycle rate exceeds 500 cycles per minute
- Compact and lightweight

Compatible Fluids

Dispensing: 752HF High Flow Diaphragm Valves

- UV-cure adhesives
- Resins
- UV coatings

The complete system includes the 752HF dispense valve, ValveMate™ 8000 controller, fluid reservoir, and dispense tip. For even faster throughput, integrate with an EFD automated dispensing system.

Also available, the 702 Series mini-diaphragm valve features a design that's 60% smaller and 70% lighter than typical dispense valves. For applications where space is tight, select the 702 Series.

Part Numbers

752HF High Flow Diaphragm Valves		
Part #	Description	Specification
7014139	752HF-A Valve	Air cylinder body assembly and tamper-resistant stroke reference knob are hard-coat anodized aluminum. Acetal copolymer fluid body and UHMW* diaphragm. Includes fluid inlet fittings #7024589 and #7007038.
7014315	752HF-SS Valve	Same as 752HF-A except fluid body is passivated 303 stainless steel.

*UHMW – Ultra High Molecular Weight polyethylene

Reviews

There are yet no reviews for this product.