752V-DVD Diaphragm Valve
Controlled, bubble-free dispensing for bonding and lacquer coating

The 752V-DVD valve system is specifically designed for precise dispensing of UV-cure resins and similar fluids used in media manufacturing of DVDs and CDs. Unrestricted material flow reduces turbulence and the formation of bubbles.

Features
• Positive shutoff, no seals
• Valve open time as short as 15 milliseconds
• Cycle rate exceeds 500/minute
• Stainless steel valve head
• Tamper-resist stroke control adjustment
• Compact and lightweight
• Low-maintenance design

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more info
Diaphragm Valve Systems

The complete system includes the 752V-DVD dispense 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.

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

Automated Dispensing Systems

Nordson EFD offers a wide range of automated systems that are fully compatible with the 752V-DVD Series valve. Our automated systems offer consistent, accurate, and repeatable performance, making even the most complex dispensing applications easy. Get simplified setup and programming plus optimized dispensing results from features such as laser height sensing and fully integrated CCD cameras, or specify inline systems designed for larger products.

Fluid Reservoirs

Nordson 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® systems are available with 2.5 oz to 32 oz (75 ml to 950 ml) cartridges and retainers.

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 a dispensing tip kit for maximum fluid control. The kit includes SmoothFlow™ tapered tips in sizes from 14 to 25 gauge, precision stainless steel tips in sizes from 14 to 21 gauge, and tip caps.

Size: 80.7 mm x 26.9 mm diameter (3.18” x 1.06”)
Weight (less fittings): 172.9 grams (6.1 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
Mounting: (1) 10-32 UNF tapped hole
Cycle rate: Exceeds 500 per minute
Air cylinder body: Hard coated aluminum
Fluid body: Type 303 stainless steel
Piston: Type 303 stainless steel
Diaphragm: UHMW* polyethylene, FDA approved
Tip retaining nut: Aluminum

All stainless steel parts are passivated.

*Ultra High Molecular Weight polyethylene

For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com

Global
East Providence, RI USA
800-556-3484; +1-401-431-7000
info@nordsonefd.com

Europe
Dunstable, Bedfordshire, UK
0800 585733; +44 (0) 1582 666334
europe@nordsonefd.com

Asia
China: +86 (21) 3866 9006; china@nordsonefd.com
India: +91 80 4021 3600; india@nordsonefd.com
Japan: +81 03 5762 2760; japan@nordsonefd.com
Korea: +82-31-736-8321; korea@nordsonefd.com
SEAsia: +65 6796 9522; sin-mal@nordsonefd.com

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