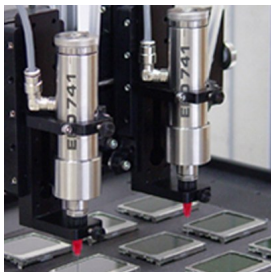


741V Needle Valves



The 741V Series needle valve design applies low viscosity assembly fluids with accurate, extremely close repeat deposit control.

Rating: Not Rated Yet

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Description

During operation, controlled pulsed air acts on the piston to withdraw the needle a preset distance from the needle seat to provide exact, repeatable fluid flow. The stainless steel needle seats in the tip adapter, virtually eliminating dead fluid volume between shots.

The Nordson EFD needle valve features adjustable fluid flow control.

Available Models

741V Series

Actuated by an external solenoid and operates at more than 400 cycles per minute at pressures up to 300 psi (20.7 bar).

741V with Backpack™ Valve Actuator

Actuated by a compact solenoid installed on the valve's actuating air cylinder, creating a faster response time and less variation in shot size due to plant air supply or air line length fluctuation. Achieves air actuation speeds as short as 5 to 6 milliseconds and cycle rates up to 800 cycles per minute.

Note: The Backpack is also available separately for installation on existing 741V needle valves.

Features

Dispensing: 741V Needle Valves

- Unaffected by entrapped air in fluid
- Low-maintenance design
- Zero dead fluid volume
- Positive shutoff

Compatible Fluids

- Accelerators
- Marking inks
- Silicone oils
- Solvents
- UV-cure adhesives

The complete system includes the 741V dispense valve, ValveMate™ 8000 controller, fluid reservoir, and dispense tip. For even faster throughput, integrate with an EFD automated dispensing system.

Also available, the xOR41 MicroDot™ needle valves provides precise fluid dispensing control for deposits as small as 150 µm diameter. And the xOR41V needle valve delivers exceptional deposit accuracy and repeatability for applications that require larger deposits or a wider range of dispensing tips. Both valves feature an innovative Quick Release clasp that reduces downtime, a 60% smaller form factor, and modular design.

Part Numbers

741V Needle Valves		
Part #	Description	Specifications
7007029	741V-SS Valve	Air cylinder and fluid body is passivated 303 stainless steel. Includes fluid inlet fittings #7021459 and #7007038.
7021239	741V-SS-TR Valve	Same as 741V-SS but tamper resistant.
7015584	741V-SS-BP Valve	Air cylinder and fluid body is passivated 303 stainless steel. Includes fluid inlet fittings and BackPack valve actuator.

Reviews

There are yet no reviews for this product.