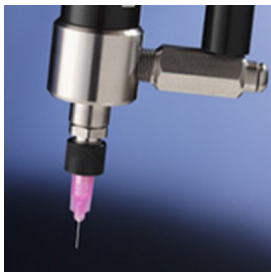
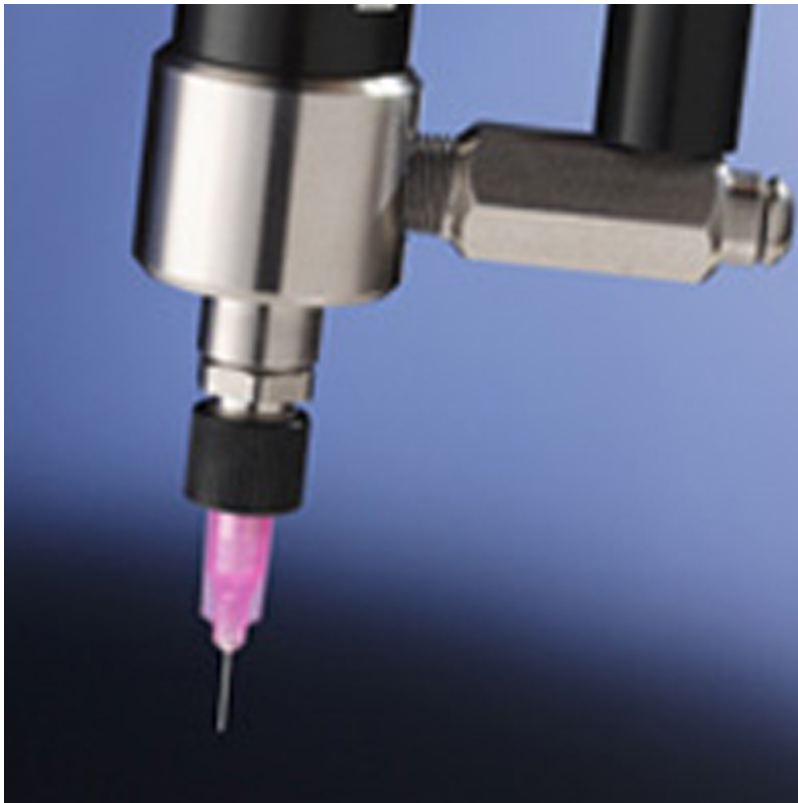


741MD MicroDot Valves



The 741MD Series MicroDot™ needle valve dispenses very precise micro-deposits down to fractions of a microliter. Pneumatically operated and adjustable, it delivers superior fluid dispensing control.

Rating: Not Rated Yet

[Ask a question about this product](#)

Description

Ideal for automated assembly processes, the 741MD-SS valve's adjustable needle stroke with a unique calibration feature provides the ability to maintain exact deposit size when dispensing fluid.

The stainless steel shutoff needle seats in the hub of the dispensing tip rather than the valve body. Having fluid cutoff occur as close as possible to the dispensing orifice minimizes dead fluid volume.

Because the needle seat is part of the dispense tip itself, the seat can be renewed by simply replacing the disposable tip. Ideal tip sizes range from 22 to 33 gauge.

Features

- Zero dead fluid volume
- Easy calibration, short setup time
- Consistent microdots as small as 0.18 mm (0.007") diameter
- Unaffected by entrapped air in fluids
- Drip-free shutoff

Dispensing: 741MD MicroDot Valves

Compatible Fluids

- Epoxies
- Lubricants
- Marking inks
- Solvents
- UV-cure & light-cure
- Adhesives

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

Also available, the xQR41 Series MicroDot valve features consistent microdots as 150 µm (0.18 mm) (0.007") diameter. For applications requiring smaller fluid inlet fittings, select the xQR41.

Part Numbers

741MD MicroDot Valves		
Part #	Description	Specification
702123	741MD-SS Valve	Fluid body is passivated 303 stainless steel. Air cylinder body assembly is hard-coat anodized aluminum. Includes fluid inlet fittings #7021499 and #7007038.
701595	741MD-SS-8P Valve	Fluid body is passivated 303 stainless steel. Air cylinder body assembly is hard-coat anodized aluminum. Includes fluid inlet fittings and BackPack valve actuator.

Reviews

There are yet no reviews for this product.