

# Dispensing Valve Operates with Extreme Precision

MDT Staff



The Model 455 dispensing valve from Dymax Corporation is a pneumatically operated, normally closed pinch valve with a disposable fluid path. It was designed to dispense a variety of low- to medium-viscosity materials with extreme precision. The valve's micrometer control feature allows users to precisely adjust material flow for consistent and accurate dispensing of materials.

The Model 455's disposable fluid path carries materials from the material reservoir to the dispense tip. Fluids are sealed within the fluid path, preventing contact with the valve's inner components and ensuring a contaminate-free dispensing process. The fluid path is easy to replace and requires minimal clean-up, allowing for rapid material changeover. Fluid paths of varying materials and sizes are available for optimum material compatibility.

The dispensing valve can be integrated into an automated dispensing system or can be paired with the Dymax DVC-345 Digital Valve Controller and a material reservoir to create a bench-top dispensing system.

For more information, visit [www.dymax.com](http://www.dymax.com) [1].

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**Links:**

[1] <http://www.dymax.com>