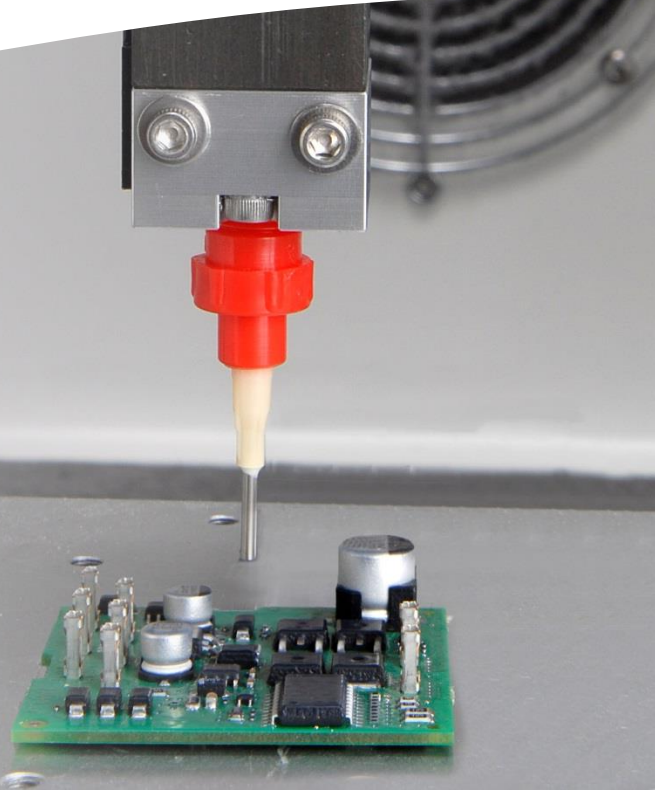


Fluid Dispensing Equipment

Dymax has developed high-quality, field-proven dispense systems to fit many dispensing applications. These systems include various automatic and manual dispense systems, spray valves, and related components for seamless integration into your assembly process. Dymax engineers will work with you to create the best dispensing solution for your application.

All models listed are available globally.



Disposable Fluid Path Valves – Contaminate-Free Dispensing



Dymax disposable fluid path valves are uniquely engineered to prevent material contamination. The disposable fluid path carries materials from the material reservoir to the dispense tip, sealing fluids in the fluid path. This prevents the fluid from coming in contact with the valve's inner components and ensures a contaminate-free dispensing process. The fluid path is easy to replace and requires minimal clean-up, allowing for rapid material changeover. This valve can be supplied with fluid paths of varying materials and sizes for optimum material compatibility.

Available Models

Model 455 (Mounted)
Model 826 (Mounted)
Model 828 (Mounted)

Diaphragm Valves – No Fluid Contamination with Less Maintenance



Diaphragm valves are ideal for dispensing light-curable materials, solvent-based products, and reactive materials like cyanoacrylates and anaerobics because the internal design of the valve prevents fluid from coming in contact with the valve's actuating components. This drastically minimizes valve maintenance and production down-time.

Available Models

Model 200 (Handheld)
Model 300 (Handheld)
Model 475 (Mounted)

Needle Valves – Extreme Precision Dispensing



Dymax needle valves are designed to deliver precise dots or very fine beads of low- to medium-viscosity fluids. Dymax needle valves feature a stroke adjustment which allows for fine-tuning of the dispense volume and ensures precise and consistent deposits. Handheld and mountable models are available.

Available Models

Model 400 (Handheld)
Model 485 (Mounted)

Spool Valves – Accuracy with Suck-Back Control



Spool valves are ideal for automated dispensing systems and are designed to accurately dispense a variety of medium- to high-viscosity fluids. The valves' accuracy comes from two main features, suck-back control and adjustable flow control. The suck-back feature assures consistent, stringless dispensing of tackier materials, and prevents droplets from remaining on the dispense nozzle when using lower viscosity materials.

Available Models

Model 775 Series
(Mountable)

Spray Guns & Valves



Dymax offers standard and high-flow spray valves for use in automated dispensing systems as well as spray guns for manually spraying materials. Dymax spray equipment is ideal for use with a number of different materials including masking resins, conformal coatings, solvents, grease, and lubricants.

Available Models

SG-100 (Standard & High Flow)
Model 110
Model 210
Model 455 Spray

Powered & Manual Syringe Dispensers



Dymax syringe dispensers deliver accurate and consistent fluid deposits from pre-packed disposable syringes. By using a disposable syringe as the material reservoir, these dispensing systems eliminate the risk of material contamination during dispense and allow for quick and easy product changeover with no cleanup. These dispensers are simple to set up and operate and can be used to dispense a wide variety of low- to high-viscosity fluids. Dymax powered syringe dispensers can also be easily integrated into automated processes.

Available Models

SD-100 (Powered)
Micro-Dot™ (Manual)
Stepper™ (Manual)



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Dymax Corporation
860.482.1010
info@dymax.com
www.dymax.com

Dymax Oligomers & Coatings
860.626.7006
oligomers&coatings@dymax.com
www.dymax-oc.com

Dymax Europe GmbH
+49 (0) 611.962.7900
info_de@dymax.com
www.dymax.de

Dymax UV Adhesives & Equipment (Shenzhen) Co Ltd
+86.755.83485759
dymaxasia@dymax.com
www.dymax.com.cn

Dymax UV Adhesives & Equipment (Shanghai) Co Ltd
+86.21.37285759
dymaxasia@dymax.com
www.dymax.com.cn

Dymax Asia (H.K.) Limited
+852.2460.7038
dymaxasia@dymax.com
www.dymax.com.cn

Dymax Korea LLC
82.2.784.3434
info@dymax.kr
www.dymax.com/kr