

Model 100 Hand-Held Valve Dispensing Systems

The DYMAX Model 100 is an automatically controlled dispensing system. Accurate dispensing is achieved through the use of a unique normally-open, hand-held diaphragm valve. The diaphragm valve is designed with a wand-style body to make it more ergonomic for users. DYMAX hand-held dispensing systems can be used for a variety of applications including dot, bead, and potting applications.

Special Features of the Dispensing System

DYMAX hand-held fluid dispensing systems are engineered for optimal performance and long service life. Key features include:








- Compatibility with DYMAX packages of UV light-curable adhesives, epoxy resins, cyanoacrylates, and activator-cured adhesives
- High-quality, light-blocking polyethylene fluid tubing in two sizes - $\frac{3}{8}$ " (9.5 mm) OD for maximum flow and $\frac{1}{4}$ " (6.3 mm) OD to provide flexibility for easy handling
- High-quality, air precision regulator supplied for precise fluid control
- Air filter regulator includes an integrated shutoff valve and pressure exhaust to quickly and safely depressurize the system, eliminating the need for the operator to open and close the regulator
- Easy-to-open, swing-down toggles on the bottle and pail reservoir

Systems Include:

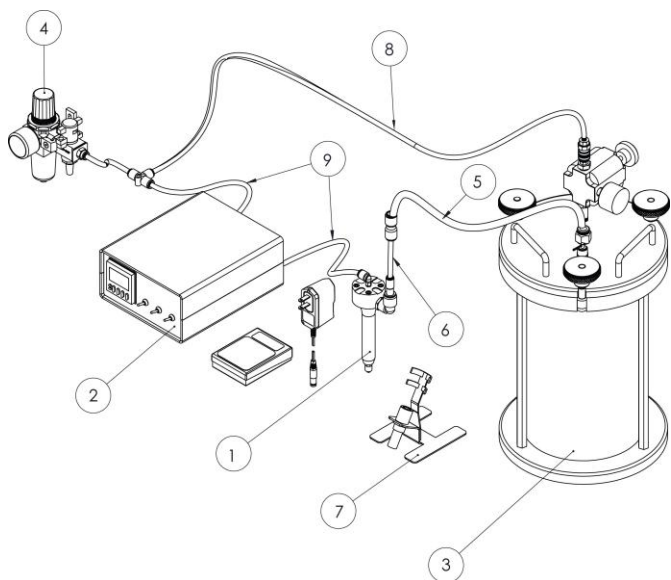
Handheld Dispensing Valve	Dispensing Valve Stand
Selected Reservoir	Digital Valve Controller
Fluid Line Kit - 6 ft of Black $\frac{3}{8}$ " (9.5 mm) OD tubing	Air Line Kit - $\frac{1}{4}$ " (6.3 mm) OD tubing with fitting on one end
Fluid Line Kit - 6 ft of Black $\frac{1}{4}$ " (6.3 mm) OD tubing and $\frac{3}{8}$ " - $\frac{1}{4}$ " (9.5 mm - 6.3 mm) reducer and two $\frac{3}{8}$ " - $\frac{1}{4}$ " (9.5 mm - 6.3 mm) stem fitting inserts	Air Precision Regulator - Includes three Pressure Gauges (0-30 psi, 0-60 psi, & 0-100 psi) (0-2 bar, 0-4.1 bar, & 0-6.9 bar)
Air Filter/Regulator - 0-100 psi (0-6.9 bar)	Air Line Kit - $\frac{1}{4}$ " (6.3 mm) OD tubing

Select System Based on Fluid Package Used

Select system part number in **red** from table below.

	No Reservoir	Cartridge Drop-In				Bottle Drop-In	Pail Drop-In
		6 oz [160 mL]	12 oz [300 mL]	20 oz [550 mL]	32 oz [900 mL]	Up to 1 Liter	Up to 15 Liter Straight or Taper
	T20200	 T20215	 T20235	 T20255	 T20275	 T20295	 T20315

Representative Model 100 Dispensing System (T20295 with Bottle Reservoir Shown Below)

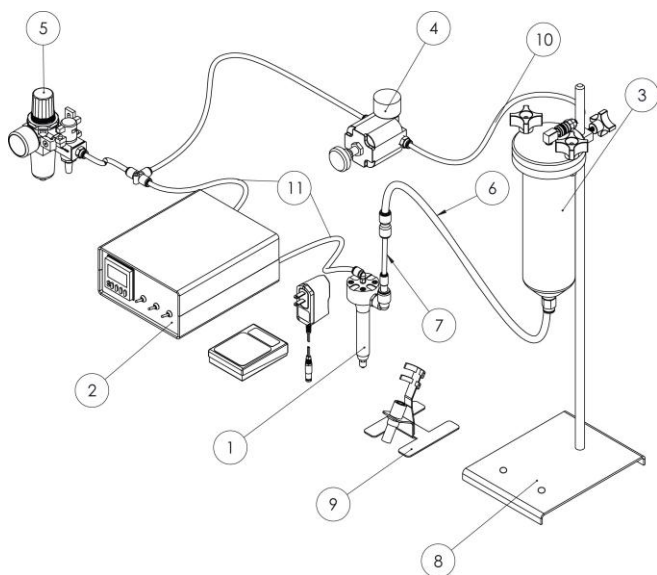


Item	Part Number	Description
1	T15217	Model 100 Diaphragm Valve
2	T11146	Model 345 Valve Controller
3	T15261	Bottle Drop-In Tank Assembly - 2 Liter with High-Precision Regulator
4	T16307	Filter Regulator
5	T16787	6 FT (1.83 m) of Fluid Line Kit - Black 3/8" (9.5 mm) OD PE
6	T16793	6 FT (1.83 m) of Fluid Line Kit - Black 1/4" (6.3 mm) OD PE
7	T15466	Valve Stand
8	T16789	Reservoir Airline Kit
9	T16786	Controller Airline Kit

System Specifications

Compressed Air Supply	80 to 100 psi (5.5 to 6.9 bar)
Electrical Supply	110 / 220 VAC

Representative Model 100 Dispensing System (T20255 with Cartridge Reservoir Shown Below)



Item	Part Number	Description
1	T15217	Model 100 Diaphragm Valve
2	T11146	Model 345 Valve Controller
3	T15223	550 mL (20 oz) Reservoir
4	T16629	High-Precision Regulator
5	T16307	Filter Regulator
6	T16787	6 FT (1.83 m) of Fluid Line Kit - Black 3/8" (9.5 mm) OD PE
7	T16793	6 FT (1.83 m) of Fluid Line Kit - Black 1/4" (6.3 mm) OD PE
8	T15279	24" (60.9 cm) Lab Stand
9	T15466	Valve Stand
10	T16789	Reservoir Airline Kit
11	T16786	Controller Airline Kit

System Specifications

Compressed Air Supply	80 to 100 psi (5.5 to 6.9 bar)
Electrical Supply	110 / 220 VAC

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Please note that most dispensing and curing system applications are unique. DYMAX does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in DYMAX's standard Conditions of Sale. DYMAX recommends that any intended application be evaluated and tested by the user to insure that desired performance criteria are satisfied. DYMAX is willing to assist users in their performance testing and evaluation by offering equipment trial rental and leasing programs to assist in such testing and evaluations. Data sheets are available for valve controllers or pressure pots upon request.

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