



## SD-100

### Digital Syringe Dispenser

- Precision control over fluid dispense
- Digital timer with a range of 0.01 to 9999 seconds
- Delivers micro-shots, beads, or fills
- Timed or manual mode with adjustable time and pressure settings; includes the ability to set time using a teach mode
- Adjustable vacuum suck-back for clean, drip-free shut off
- Activation by foot pedal or external signal for manual or system-integrated operation
- Easy to handle, replacement for manual syringe dispensing and squeeze bottles
- Small footprint saves space

The SD-100 digital syringe dispenser accurately dispenses low-to-high viscosity materials from a syringe. Operators are able to quickly and easily set up the system for the deposit size needed with the digital timer control and adjustable pressure gauge. This dispensing system is ideal for use as an operator work station and can also be integrated into an automated process by connecting an external signal to the system input.

The SD-100 System Includes:

- SD-100 digital syringe dispense controller
- Air cap adapters, 1 each for 3, 5, 10, and 30/55 mL
- Air hose and fittings
- Foot switch
- Syringe stand
- Start-up kit containing assorted dispense tips
- Printed user manual

Specifications	
Part Number	T17240 North American Version (power cord with 120V plug) T17242 International Version (no power cord)* T17241 Asian Version (type G power cord)
Power Requirements	90-260 VAC
Air Pressure Requirements	70-100 psi (5-7 bar)
Gauge Tolerance	+/- 3%
Timer	0.01 to 9999 seconds, +/- 1%; manual or timed mode
Activation	Foot switch or external signal
Dimensions (W x D x H)	8.625" x 8.5" x 2.625" (22 cm x 21 cm x 6.7 cm)
Weight	2.2 lbs. (1 kg)
Unit Warranty	2 years from purchase

\* For customer in Europe, the appropriate power cord will be added.

## Accessories & Replacement Parts

Recommended Accessories	T16307	Filter Regulator with Dump Valve
	T15505	3-Hole Suspended Syringe Stand
Replacement Parts	T17600	3 mL, Plastic Air Cap Assembly
	T17603	5 mL, Plastic Air Cap Assembly
	T17602	10 mL, Plastic Air Cap Assembly
	T17601	30/55 mL, Plastic Air Cap Assembly
	T15466	Syringe Stand
	T17253	Foot Switch

### T16307

Filter Regulator with  
Dump Valve (optional)  
¼" NPT Input  
¼" OD Tube Output

