

Low-Level Sensor Systems

Accurately Monitor Material Levels in Cartridge Reservoirs & Pressure Pots

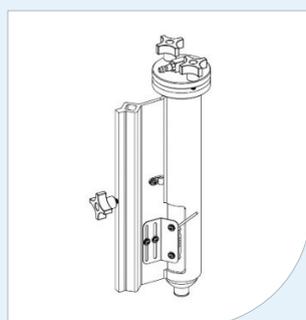
- User-friendly design that is easy to operate and maintain
- Prevent empty material reservoirs from introducing air into dispensing lines
- Indirect sensing – sensor never comes in contact with material
- Compact, lightweight, accessible
- Range of travel adjustments for cartridge and pressure plate sensors
- Universal power supply and power plug adapters
- Manual or PLC controlled operation
- Low-level functions include remote visual beacon, audio buzzer, and auto shutdown
- CE marked - Available for sale worldwide

Dymax low-level sensor systems allow users to accurately monitor material levels during the dispensing process with an adjustable sensor mount. Two sensor system configurations are available allowing integration into cartridge or pressure pot material reservoirs. Both configurations feature an SB-100 controller which activates a warning when the material level in the reservoir reaches a specified low level. Users can adjust the sensor height to their preferred volume. The SB-100 controller also features an external PLC connection that allows for a total line shutdown. Both functions save time and money by stopping the dispense system when material reservoirs are empty.

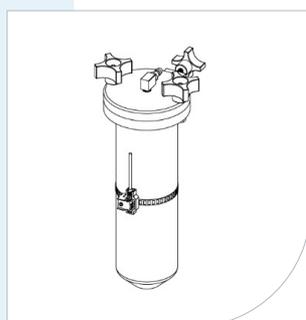
Standard systems include a reservoir with sensor, control box, and beacon. Systems are available without the controller for machine builders.

Dymax low-level sensor systems are available in cartridge and reservoir configurations as well as systems for machine and automated builders. Machine builder systems tie directly into PLCs and do not require the SB-100 controller.

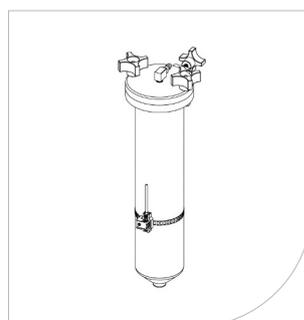
Specifications	Cartridge Reservoir Configuration			Bottle Drop-In Tank Configuration
Standard System Components	Retainer with mounting bracket Capacitive sensor (12 oz) Magnetic sensor (20 oz and 32 oz) SB-100 controller with integral buzzer Remote beacon (red) Adjustable height			Pressure plate (adjustable limit) Bulkhead pass-through for wiring SB-100 controller with integral buzzer Remote beacon (red)
Standard System	T17974	T17970	T17972	T17985
Machine Builder System (does not include SB-100 controller)	T17975	T17971	T17973	T18481
Upgrade Kit (for existing reservoirs)	-	-	-	T18500
Reservoir Size	12 oz [300 mL]	20 oz [550 mL]	32 oz [945 mL]	1 Gallon
Reservoir Dimensions (Diameter x H)	3.5 in x 13 in [89 mm x 330 mm]	4 in x 11 in [102 mm x 279 mm]	4 in x 12.75 in [102 mm x 324 mm]	11 x 19 in [279 mm x 483 mm]
Pressure Plate Dimensions (W x D x H)	N/A			4.5 in x 5 in x 1 in [114 mm x 127 mm x 25 mm]
Controller (W x D x H)	4.5 in x 3.5 in x 1.25 in [114 mm x 89 mm x 32 mm]			
Performance Requirements	120VAC, 240VAC, 50/60 Hz, 1/10 amp			
Operation	Initial set-up requires calibration			
Accuracy & Repeatability	Upon initial setting, repeatability (hysteresis) is +/- 2-5%			
Warranty	1 year from purchase			



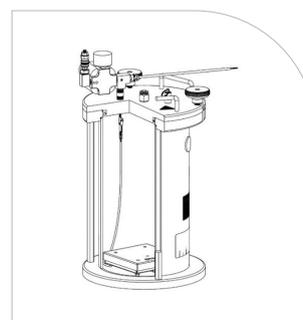
12 oz [300 mL]



20 oz [550 mL]



32 oz [945 mL]



1-Gallon Bottle Drop-In Tank



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