

SmartDispenser®

Push-To-Connect™ Gun Mount

Reduces Empty Syringe Change Over to Seconds

The SmartDispenser® Push-To-Connect™ Fluid Dispense Gun consists of an A half, attached directly to the LDS Dispense Gun, and a B half, attached directly to the automation system.

The dispensing gun electronic cable, traditionally connected directly to the LDS Dispense Gun, is removed from the LDS Dispense Gun and attached to the B half allowing permanent attachment of the electronic cable to the automation system.

The 30 foot (9.14 meters) cable can be combined with any wire harness running between the automation system work stations and the common electronic cabinet housing the automation control devices where the connection with the SmartDispenser® Integration Control Center is completed.

A durable Molex plug connects the Push-To-Connect™ Dispense Gun to the automation system. The one push/one pull action reduces syringe change over to seconds. Pre-load your dispense guns offline with the SmartDispenser® Filling Station and the SmartDispenser® Priming System.



Assumptions

Dot Size	0.25
Cycle Time seconds	15
Shift Length	8
Production days	260
Production Hours	2080
Hourly Labor Rate with Health Insurance	19.28

Annual Syringe Change Cost

Syringe Size - Cubic Centimeters	3	5	10	30
Number of Fluid Deposits per Syringe	12	20	40	120
Time to Empty a Full Syringe in Minutes	3	5	10	30
Number of Syringe Change Overs per Year	41,600	24,960	12,480	4,160
Time to Change Syringe Over in Seconds	5	5	5	5
Total Annual Cost of Syringe Changeover	\$1,114	\$668	\$334	\$111