

### Modular Touch-Screen Dispensing Pumps

Intuitive touch-screen interface for easy programming and control



07582-00



"Run" screen displays all operational parameters so you can confirm activity and program settings at a glance.

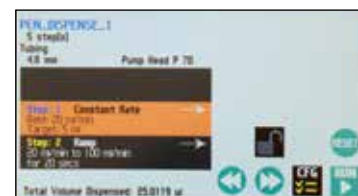
- Flow range: 0.001 to 1500 mL/min with Masterflex® L/S® pump tubing
- Program options include constant flow rate, stepped flow, ramped flow, and pulsed flow
- Pump or dispense by volume or time
- Advanced options include program linkage, step repeat, go-to step statements, and program alarms
- Store and transfer programs to a PC or from pump to pump
- Controller is preprogrammed with flow ranges for all accepted tubing sizes



Set up single- or multi-step programs using the intuitive touch screen.

Quickly set up single- or multiple-step programs depending on the requirements of your application. The controller will store up to 50 programs with up to 20 steps each; programs are easily recalled for later use. When pumps are daisy-chained, programs can be transferred from pump to pump to ensure process or experimental consistency.

The included Masterflex Easy-Load® II pump head with automatic tubing retention makes tubing changes quick and easy. Controller is preprogrammed with maximum and minimum flow rates for all accepted tubing sizes. Tubing calibration function ensures flow accuracy and allows user to select calibration volume based on volume being dispensed.



The current step is highlighted during program operation.

Additional features include screen lockout to prevent inadvertent program changes, forward and reverse prime to rapidly fill or purge tubing, and user selectable restart function in the event of power outage. Controller and drive are housed in durable painted steel.

**What's included:** Easy-Load II pump head, power adapter with 6-ft (1.8-m) line cord with IEC 320/CEE22 socket. These models are shipped with country-specific plug/cord set; please specify ultimate destination when ordering.



#### Specifications

**Accuracy:** ±1%  
**Input/output:** RS-485, USB Type B, DB15, mini phono jack  
**Motor:** 1.8° stepper  
**Motor input power:** 30 V, 1.67 A

**Dimensions (W x H x D)**  
 Drive: 4 5/8" x 6" x 10"  
 (11.1 x 15.2 x 25.4 cm)  
 Controller: 9" x 3" x 7 3/4"  
 (22.9 x 7.6 x 19.7 cm)

Flow range (mL/min)	Pump head(s) included	Tubing sizes accepted	Drive speed rating (rpm)	IP rating	Power	Catalog number	Price
0.001 to 1500	One L/S Easy-Load II 77200-60	L/S 13, L/S 14, L/S 16, L/S 25, L/S 17, L/S 18	0.02 to 375	IP33	100 to 240 VAC	<a href="#">GY-07582-00</a>	
0.001 to 1250 per channel	Two L/S Easy-Load II 77200-60	L/S 13, L/S 14, L/S 16, L/S 25, L/S 17, L/S 18				<a href="#">GY-07582-10</a>	
0.001 to 500 per channel	One L/S Easy-Load II dual-channel 77202-60	L/S 13, L/S 14, L/S 16, L/S 25				<a href="#">GY-07582-20</a>	

[GY-74906-92](#) Foot switch for remote start/stop control

Tech Information

Masterflex® C/L®

Masterflex® L/S®

Masterflex® I/p®

Masterflex® B/T®

Accessories & Parts