Modular Touch-Screen Dispensing Pumps

Intuitive Touch Screen for Easy and Versatile Control

- **Easy to use**—Touch screen displays all operational parameters at a glance
- **Flow rates** from 0.001 to 1500 mL/min
- **Accurate** to ±0.5%
- **Smooth flow**—Small step angle stepping motor virtually eliminates pulsation
- **Versatile**—Bidirectional dispensing by volume or time
- **Programmable**—Set for constant, stepped, ramped, or pulsed flow, or any combination of these
- **Transferable programs**—Easily transferred to a PC or another dispensing pump. Quick access for validation and audits!
- **Masterflex® L/S® pump head**—Reliable pumping and easy tubing changes
- **Preprogrammed**—Controller contains flow ranges for all accepted tubing sizes
- **Calibratable**—Ensure accuracy in dispensing flow
- **Compact**—Place the controller on its side to save valuable work space
Applications

- Fluid transfer, dispensing, and metering applications
- Laboratory and other low-flow environments
- Pharmaceutical
- Food, beverage, and dairy
- Chemical, manufacturing, and water treatment

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

Performance Specifications

Accuracy: ±0.5%
Input/output: RS-485, USB Type B, DB15, mini phone jack
Motor: 1.8° stepper
Motor input power: 30 V, 1.67 A
Dimensions (W x H x D)
  Drive: 4¾" x 6" x 10" (11.1 x 15.2 x 25.4 cm)
  Controller: 9" x 3" x 7¾" (22.0 x 7.6 x 19.7 cm)

What’s Included: Easy-Load® II pump head and power adapter with 6-ft (1.8-m) cord with IEC-320/CEE22 socket, with country-specific plug/cord set.

Current step is highlighted during program operation.

<table>
<thead>
<tr>
<th>Flow range (mL/min)</th>
<th>Pump head(s) included</th>
<th>Tubing size accepted</th>
<th>Drive speed rating (rpm)</th>
<th>Drive IP rating</th>
<th>Power</th>
<th>Catalog number</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.001 to 1500</td>
<td>One L/S Easy-Load® II 77200-60</td>
<td>L/S 13, L/S 14, L/S 16, L/S 25, L/S 17, L/S 18</td>
<td>0.02 to 375</td>
<td>IP33</td>
<td>100 to 240 VAC</td>
<td>MK-07582-00</td>
</tr>
<tr>
<td>0.001 to 1250 per channel</td>
<td>Two L/S Easy-Load® II 77200-60</td>
<td>L/S 13, L/S 14, L/S 16, L/S 25, L/S 17, L/S 18</td>
<td>0.02 to 375</td>
<td>IP33</td>
<td>100 to 240 VAC</td>
<td>MK-07582-10</td>
</tr>
<tr>
<td>0.001 to 500 per channel</td>
<td>One L/S Easy-Load® II dual-channel 77202-60</td>
<td>L/S 13, L/S 14, L/S 16, L/S 25</td>
<td>0.02 to 375</td>
<td>IP33</td>
<td>100 to 240 VAC</td>
<td>MK-07582-20</td>
</tr>
</tbody>
</table>

What’s Included:

- MK-74906-92 Foot switch for remote start/stop control

1-800-637-3739 | 1-847-381-7050
Masterflex.com