Masterflex® L/S®
Variable-Speed
Console Drives

Compact, cost-effective for general fluid transfer applications

- Simple operation with single-turn speed control
- Flow rate from 0.42 to 2900 mL/min with L/S pump tubing—flow rate depends on drive rpm, pump head, and tubing size
- Separate power switch enables you to maintain speed setting when turning drive on/off; front-panel LED indicates power on
- Reversible motor lets you easily prime/purge tubing and pump in either direction
- Remote control of start/stop via DB9 connector on back of drive
- Drives accept nine different pump head types: Standard, Easy-Load®, Easy-Load II, Easy-Load 3, Multichannel, High-Performance, Cartridge, PTFE tubing, and PTFE diaphragm

Applications
- Heating/cooling liquid circulation
- Fluid metering and transfer
- Media dispensing and filling
- Drum and container sampling
- Low-pressure filtration
- Buffer circulation
- Pumping slurries and suspensions
Flow Rates in mL/min (flow rates in parentheses can only be obtained with High-Performance pump head)

<table>
<thead>
<tr>
<th>rpm</th>
<th>Precision pump tubing</th>
<th>High-Performance Precision pump tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L/S 13</td>
<td>L/S 15</td>
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<tr>
<td></td>
<td>L/S 14</td>
<td>L/S 24</td>
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<td></td>
<td>L/S 16</td>
<td>L/S 35</td>
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<td>L/S 25</td>
<td>L/S 36</td>
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<td>L/S 17</td>
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<tr>
<td></td>
<td>L/S 18</td>
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</tr>
<tr>
<td>20 to 600</td>
<td>1.2 to 36</td>
<td>34 to 1000</td>
</tr>
<tr>
<td></td>
<td>4.2 to 130</td>
<td>56 to 1700</td>
</tr>
<tr>
<td></td>
<td>16 to 480</td>
<td>76 to 2300</td>
</tr>
<tr>
<td>7 to 200</td>
<td>0.42 to 12</td>
<td>12 to 330</td>
</tr>
<tr>
<td></td>
<td>1.4 to 43</td>
<td>20 to 570</td>
</tr>
<tr>
<td></td>
<td>5.6 to 160</td>
<td>27 to 770</td>
</tr>
<tr>
<td></td>
<td>12 to 330</td>
<td>(13 to 370)</td>
</tr>
<tr>
<td></td>
<td>20 to 570</td>
<td>(21 to 600)</td>
</tr>
<tr>
<td></td>
<td>27 to 770</td>
<td>(30 to 870)</td>
</tr>
<tr>
<td></td>
<td>34 to 970</td>
<td>(41 to 1130)</td>
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</tbody>
</table>

*The Standard pump head is not available for L/S 25.

Multichannel head is not available for L/S 36.

Specifications & Ordering Information

<table>
<thead>
<tr>
<th>rpm</th>
<th>Speed control (resolution)</th>
<th>Pump heads accepted</th>
<th>Motor size</th>
<th>IP rating</th>
<th>Dimensions (L x W x H)</th>
<th>Power (50/60 Hz)</th>
<th>Catalog number</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>20 to 600</td>
<td>±5%</td>
<td>1</td>
<td>37 W (1⁄20 hp)</td>
<td>23 x 18.3 x 13.4 cm (9.1” x 7.2” x 5.3”)</td>
<td>90 to 130</td>
<td>MK-07555-00</td>
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<td></td>
<td>180 to 260</td>
<td>1.5</td>
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<td></td>
<td></td>
<td>180 to 260</td>
<td>MK-07555-10</td>
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<td>90 to 130</td>
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<td>90 to 130</td>
<td>MK-07555-15</td>
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*Drives 07555-00 and -05 are not recommended for use with the PTFE-tubing and PTFE-diaphragm pump heads.

What’s included: 1.8-m (6-ft) line cord with IEC 320/CEE22 socket. Shipped with country-specific cord/plug set; please specify ultimate destination when ordering.

Accessories

MK-77595-35 Foot switch, DB9 male, 1.8 m (6-ft) cable
MK-07528-80 Handheld remote controller; for control of start/stop, route tubing through handle for dispensing into containers
MK-17050-01 NIST-traceable calibration for peristaltic pump drive

Complete Pump Systems