

Masterflex® Cloud-Enabled Drives Featuring MasterflexLive®

Real-time remote pump control and monitoring

- Secure, cloud-enabled platform for control and monitoring of select L/S® and I/P® pumps
- FDA 21 CFR Part 11 and EU Annex 11 compliant with premium subscription
- Get real-time control of all pump parameters, including speed, flow rate, dispense volume, and more
- Push notifications alert you to operating conditions and error messages
- Monitor and adjust critical processes running 24/7—no need to be onsite
- “Hands-free” operation lets you control pumps operating inside cleanrooms, glove boxes or isolation chambers
- Access from your PC, tablet or smartphone (iOS and Android apps available)
- Internet connection via standard Ethernet (RJ45) jack on rear of drive

| Features | Standard | Premium* |
|---|----------|----------|
| Monitor pump status | ✓ | ✓ |
| Receive alerts & notifications by text or email | ✓ | ✓ |
| Emergency start/stop | ✓ | ✓ |
| Adjust all parameters (start/stop, tubing size, flow rate, dispense volume) | ✓ | ✓ |
| Set up, save, and delete programs | ✓ | ✓ |
| Manage up to 2 user level settings for security | ✓ | ✓ |
| Data access, management, and enhanced security | | ✓ |
| - Log and time stamp all operating parameters | | ✓ |
| - Export record of all pump activity | | ✓ |
| FDA 21 CFR Part 11 & EU Annex 11 compliant | | ✓ |

*Requires a monthly subscription.



1-800-637-3739



A. L/S Cloud-Enabled Digital Drives

- Graphical LCD shows four operating modes: continuous run, time dispense, copy dispense, and volume dispense. View pump performance continually
- Antidrip function ensures dispensing accuracy
- Open-head sensor stops the drive motor when pump head is opened—pair with an open-head sensor equipped pump head

B. L/S Cloud-Enabled Digital Process Drives

- IP66 and NEMA 4X rated sealed housing and keypad are protected from dust and water in the washdown environment—simply hose down to clean
- Graphical LCD shows six different parameters: motor rpm, flow rate, dispense volume, cumulative volume, dispense interval time, and copy numbers
- Dispense by: volume, copy, or time with programmable delay interval
- Open-head sensor stops the drive motor when pump head is opened—pair with an open-head sensor equipped pump head

C. I/P Cloud-Enabled Digital Process Drives

- IP66 and NEMA 4X rated sealed housing and keypad are protected from dust and water in the washdown environment—simply hose down to clean
- Graphical LCD shows four operating modes: continuous run, timed dispense, copy dispense, and volume dispense
- Dispense by volume, copy, or time with programmable delay intervals
- Open-head sensor stops the drive motor when pump head is opened—pair with an open-head sensor equipped pump head

| rpm | Flow range (mL/min) | Speed control (resolution) | Open-head sensor | Pump heads accepted | Motor size | IP rating | Power (50/60 Hz) | Catalog number |
|--|---------------------|----------------------------|------------------|---------------------|----------------|-----------|------------------|-----------------------------|
| A. L/S cloud-enabled digital drive | | | | | | | | |
| 0.02 to 100 | 0.001 to 588 | ±0.1% | Yes | 4 | 1/10 hp (75 W) | IP33 | 90 to 260 VAC | MK-07551-60 |
| 0.1 to 600 | 0.006 to 3400 | | | 2 | | | | MK-07551-50 |
| B. L/S cloud-enabled digital process drive with 316 stainless steel housing | | | | | | | | |
| 0.1 to 600 | 0.006 to 3400 | ±0.1% | Yes | 2 | 1/10 hp (75 W) | IP66 | 90 to 260 VAC | MK-07575-70 |
| B. L/S cloud-enabled digital process drive with powder-coat steel housing | | | | | | | | |
| 0.1 to 600 | 0.006 to 3400 | ±0.1% | Yes | 2 | 1/10 hp (75 W) | IP66 | 90 to 260 VAC | MK-07575-72 |
| C. I/P cloud-enabled digital process drive with 316 stainless steel housing | | | | | | | | |
| 0.1 to 650 | 0.6 to 26,000 | ±0.1% | Yes | 2 | 3/8 hp (280 W) | IP66 | 90 to 260 VAC | MK-77420-50 |
| C. I/P cloud-enabled digital process drive with powder-coat steel housing | | | | | | | | |
| 0.1 to 650 | 0.6 to 26,000 | ±0.1% | Yes | 2 | 3/8 hp (280 W) | IP66 | 90 to 260 VAC | MK-77420-60 |

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