

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 3 user level settings for security	✓	✓
Data access, management, and enhanced security		✓
- Log and time stamp all operating parameters		✓
- Export record of all pump activity		✓
- IQ/OQ documentation		✓
FDA 21 CFR Part 11 & EU Annex 11 compliant		✓

*Requires a monthly subscription.

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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 **Cole-Parmer®**

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