

Masterflex® L/S® Digital Miniflex® Pump Systems

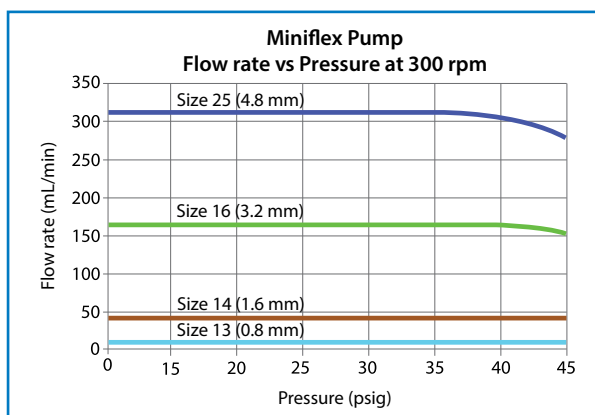
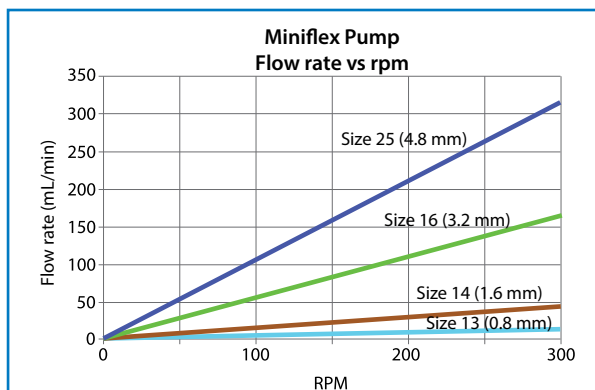


A small-footprint pump with big performance!

- Intuitive icon-driven menu allows quick programming and setup
- Flow range of 0.004 to 315 mL/min (depending on model and tubing size selected)
- Integrated “open-head” sensor halts operation when pump head is opened
- Use the copy dispense mode for filling and dispensing applications
- Tubing calibration function ensures accuracy
- Control speed, direction, and start/stop/prime remotely via 25-pin connector on back of drive
- Pump head accepts continuous lengths of tubing for clean flow paths with no connections or fittings
- Tubing retention is automatic when pump head is closed—no need for manual adjustment—tube loading is quick and easy
- Single-channel model delivers highest flow rate; dual-channel model delivers synchronous flow from two separate channels
- Stackable to save even more space on your benchtop

Flow Rates in mL/min

rpm	Precision pump tubing			
	L/S 13	L/S 14	L/S 16	L/S 25
Single-channel pump 07525-20				
0.1 to 300	0.004 to 12	0.014 to 42	0.05 to 162	0.11 to 315
Dual-channel pump 07525-40				
0.1 to 300	0.004 to 12	0.014 to 42	0.05 to 162	—



Open-head sensor stops the drive when pump head is open.



Intuitive, icon-driven interface—copy dispense progress screen shown.



The L/S digital Miniflex pump system (above right) requires less than half the bench space when compared to the L/S standard digital drive (above left).

What's included: L/S Miniflex pump head and universal voltage (90 to 260 VAC) benchtop power supply with IEC320/CEE22 socket. Pump is shipped with cord/plug assembly specific to country of destination.



Number of channels	rpm	Speed control (repeatability)	Reversible motor	IP rating	Dimensions (L x W x H) (23.9 x 14.0 x 15.7 cm)	Power (50/60 Hz)		Catalog number
						VAC	Amps	
1	0.1 to 300	±0.1%	Yes	IP33		90 to 260	0.34 at 115 VAC, 0.2 at 230 VAC	MK-07525-20
2								MK-07525-40

Accessories

[MK-07523-97](#) **Handheld remote controller**, DB25 male, route tubing through handle for dispensing applications; 6-ft (1.8-m) cable

[MK-07523-95](#) **Cable assembly**, DB25 male connector and 25-ft (7.9-m) cable with stripped wire ends

[MK-07523-92](#) **Foot switch**, momentary start/stop; DB25 male; 6-ft (1.8-m) cable

[MK-77220-20](#) **Replacement single-channel Miniflex pump head**

[MK-77220-30](#) **Replacement dual-channel Miniflex pump head**

[MK-07525-90](#) **Replacement power supply**, 90 to 260 VAC

[MK-17050-01](#) **NIST-traceable calibration** with data for peristaltic pump drive

