

Cole-Parmer® Single-Use Pump Head for Masterflex® L/S® Drives



Get steady, pulseless flow with the convenience of snap-in disposable heads

- Ideal cost-effective solution for single-use or single-campaign fluid transfer
- Disposable—eliminate cross-contamination and cleaning
- Deliver flow rates up to 500 mL/min at speeds up to 100 rpm
- Pump fluids with viscosities up to 70 cps; pressure up to 2.5 bar (36 psi)
- Steady, repeatable flow is ideal for dosing applications

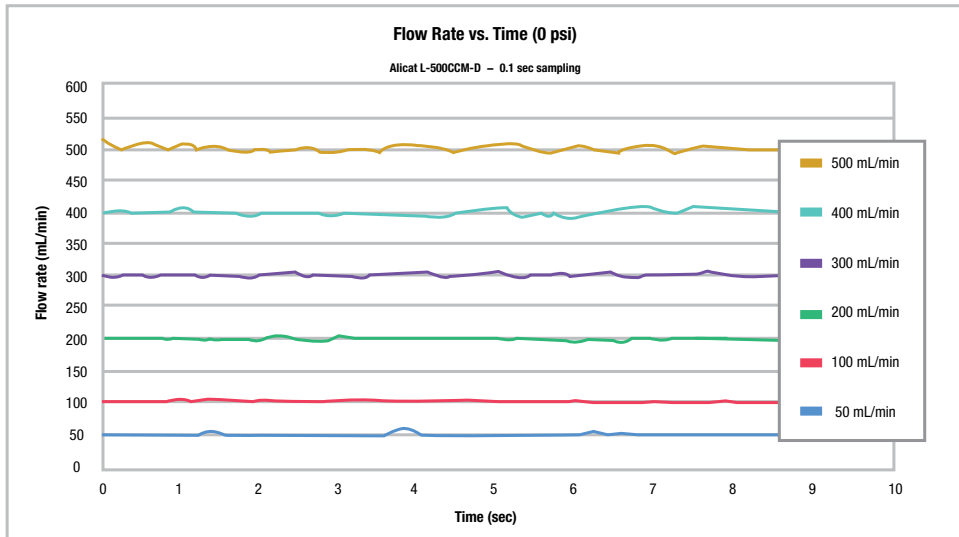
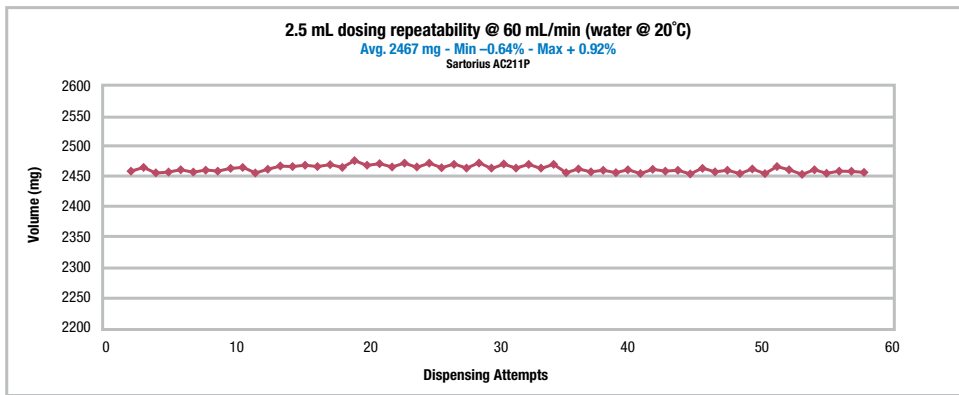
Achieving steady pulseless fluid transfer couldn't be easier—simply mount the reusable adapter onto your Masterflex L/S drive and snap in a clean, disposable pump head! Standard luer connectors offer quick and secure connections to inlet and outlet tubing.



Mount the adapter to your Masterflex L/S drive and snap a pump head into place.

Rotary volumetric pistons produce a steady, pulseless flow with high volume and flow rate accuracy. The consistent rate of flow over time from the dual pumping chambers minimizes the need for calibration.

Note: Maximum recommended speed is 100 rpm for optimal life and performance. Expected pumping life is 18 hours at 50 rpm.



Ordering Information

Description	Single-use pump head starter kit
Catalog number	MK-07539-20
mL/rev	5.0
Max speed	100 rpm
Flow range	0.5 to 500 mL/min
Flow accuracy	±3% (<2.5 mL); ±1% (>2.5 mL)
Max pressure	36 psi (2.5 bar)
Max vacuum	-10 psi (-0.7 bar)
Max viscosity	70 cps
Connections	Female luer lock
Materials of construction	Adapter: aluminum; Pump head: co-polyester with FKM gaskets



Starter kit 07539-20 includes: pump head mounting adapter and three single-use disposable pump heads. Order replacement pump heads separately in single or multi-packs.

Replacement Pump Heads

[MK-07539-30](#) Single-use disposable pump head. Pack of 1.

[MK-07539-32](#) Single-use disposable pump head. Pack of 3

[MK-07539-34](#) Single-use disposable pump head. Pack of 6

Accessories

[MK-30800-24](#) Fitting, male luer lock x hose barb adapter for 1/8" ID tubing. Pack of 25

[MK-45518-08](#) Fitting, male luer lock x hose barb adapter for 3/16" ID tubing. Pack of 25

[MK-95802-05](#) Tubing, platinum-cured silicone, 1/8" ID. Pack of 25 ft

[MK-95802-09](#) Tubing, platinum-cured silicone, 3/16" ID. Pack of 25 ft

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