

Thermo Scientific Masterflex® P/S

Pump Selection Guide

Pump System Description	Flow range	Fixed speed	Variable speed	Reversible	Remote capability	Special features
Fixed-Speed 	0.06 to 228 mL/min (3.6 GPH)	✓				Economical and compact. TEFC models available.
Washdown Modular 	0.36 to 3400 mL/min (0 to 54 GPH)		✓	✓	✓	Separate motor and controller. IP56 rated.
Precision Standard Console 	0.06 to 3400 mL/min (0 to 54 GPH)		✓	✓	✓	Economical, 10-turn potentiometer for speed control. UL, cUL, and CE listed.
Industrial Process 	0.1 to 3400 mL/min (0 to 54 GPH)		✓	✓	✓	Digital readout. IP66 and NEMA 4X rated for washdown. Sealed, 316 stainless steel housing. Maintenance-free brushless motor with PWM speed control.
Brushless Digital 	0.1 to 3400 mL/min (0 to 54 GPH)		✓	✓	✓	Digital readout. Tachometer feedback for ±0.25% speed control. UL, cUL, and CE listed models.
Variable-Speed Metering Dispenser 	0.6 to 3400 mL/min (0 to 54 GPH)		✓	✓	✓	Digital readout. Economical and compact. TEFC and washdown. Separate motor and controller.
Portable Water Sampler 	125 to 1100 mL/min (0 to 24 GPH)		✓	✓		Rechargeable internal batteries for field use. IP54 rated.
Air-Powered 	3.6 to 3400 mL/min (0.1 to 54 GPH)		✓			Use in locations where electricity is unsafe or impractical. IP44 rated.
Hazardous-Duty 	0.6 to 2450 mL/min (0 to 54 GPH)		✓			Motors are agency certified for use in hazardous locations. IP56 rated.
Pump Adapter System 	Adapters let you use Masterflex pump heads with 56C or IEC 72/ISP 63 motors. Flow rates and features depend on motor selection. System includes pump head, adapter, and mounting hardware.					

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