



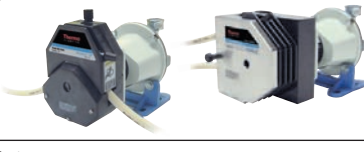
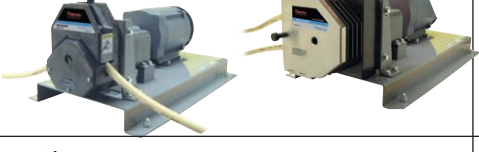



Thermo Scientific Masterflex® I/P®

Pump Selection Guide

- For applications requiring high flow rates and rugged dependability
- Ideal for transfer of viscous or shear-sensitive materials
- Each pump system comes complete with pump head and drive system.

Pump System Description	Flow range	Fixed speed	Variable speed	Reversible	Remote capability	Special features
Fixed-Speed & Multichannel 	0.12 to 17 LPM (0 to 4.5 GPM)	✓		✓		Economical and simple to operate. Use multichannel pumps for expanded pumping capacity. UL, cUL, CE listed. IP55 rated.
Process Brushless 	0.01 to 17 LPM (0 to 4.5 GPM)		✓	✓	✓	Maintenance-free brushless motor is small and lightweight. UL, cUL, and CE listed. Washdown. IP55, IP66 rated
Modular Digital Metering 	0.12 to 17 LPM (0 to 4.5 GPM)		✓	✓	✓	Digital display. Ideal for dispensing. Separate motor and wall-mount controller. Expanded remote control. Washdown, IP56 rated.
Washdown Modular 	0.12 to 17 LPM (0 to 4.5 GPM)		✓	✓	✓	Separate motor and wall-mount controller. UL, cUL, CE listed. Washdown; IP55, IP56 rated.
Air-Powered 	0.12 to 17 LPM (0 to 4.5 GPM)		✓	✓		Use in locations where electricity is unsafe or impractical. Rotary vane air motor. CE listed. IP56 rated.
Hazardous-Duty 	0.12 to 17 LPM (0 to 4.5 GPM)		✓			Use in areas that require special electrical precautions. 115 VAC motors are UL-listed for use in hazardous locations. IP55 rated.
Pump Adapter Systems 	Gear reducer adapters let you use Masterflex® pump heads with 56C frame motors. Flow rates and features depend on motor selection. System includes pump head, adapter, and mounting hardware.					

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