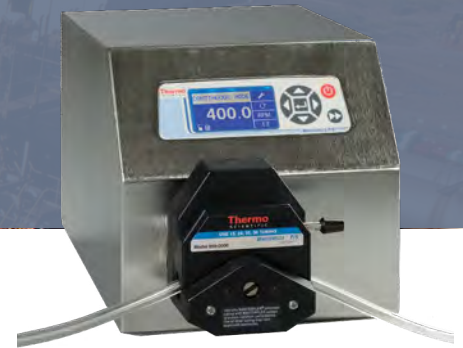


Z ChemGear™

PERISTALTIC TUBE PUMPS









Peristaltic technology is an ideal solution for an incredibly wide range of liquid and slurry applications requiring precise volumetric control. Since the pumped fluids only contact the inside of the tubing, the maintenance requirements are minimized, and operator safety maximized. In addition, the pumps are reversible for clearing tubing lines; therefore, it is not necessary to tear apart metering pumps to clear obstructions.

There is a wide range of pump model options available to meet essentially any duty requirements including hazardous, water washdown, dusty, flammable fluid conditions among others. Zeroday offers a wide range of tubing types and sizes to match the fluid compatibility to tube materials of construction to maximize tube life.



FOR PRECISE INDUSTRIAL, AND LABORATORY PUMPING, TRANSFER, AND DISPENSING AND FOR LABORATORY PUMPING APPLICATIONS:

- > For pumping liquids, chemicals and slurries
- > Designed for accurate, precise metering to 0.1%
- > Up to 150 psi head pressure possible
- > Highest economic value, lowest total cost of ownership
- > Self-priming, up to 26 ft. (8 meters) water suction
- > Can run dry, evacuates air from lines
- > Wide flow range available: from < 0.1 cc/min to 3400 cc/min
- > Graphical LCD display shows six different parameters: flow rate, dispense volume, cumulative volume, dispense interval number and motor rpm
- > Remote control capabilities via PLC signal
- > Range of dust and water protection up to NEMA 4x and IP66
- > Comes in plastic, steel and stainless steel housings
- > Pumps available in a numatic and electrical motor
- > Pumps for Hazardous and flammable applications
- > Very wide range of tubing to properly match materials of construction with the duty required

Pump System Description	Flow Range	Fixed Speed	Variable Speed		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.
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 brushes 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.
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 3400 mL/min (0 to 54 GPH)		✓			Motors are agency certified for use in hazardous locations. IP56 rated.