

Peri-Star™ Pro

High performance digital peristaltic pump at an affordable price!

- **Display either rotation Speed (RPM) or flow rate (mL/min)**
- **Wide flow range: 0.01 - 280 mL/min**
- **Accuracy of flow rate: 0.5% using self calibration function**
- **Accuracy of speed: 0.1 rpm**
- **Large backlit digital LCD display**
- **Programmable for all tubing sizes between 0.8 mm and 6.4 mm ID**
- **Easy and fast tubing replacement using snap-on cartridges**
- **Membrane keypad allows easy programming while protecting controls from fluid entry**
- **Actively driven rollers by planetary gears for long lasting tubing life.**



Peri-Star™ Pro peristaltic pumps provide accurate and precise pumping with convenience and versatility. Peri-Star Pro can be run in either flow rate mode (mL/min) or rotation speed mode (rpm). For good laboratory practice, pumps must be calibrated after changing the tubing and solution. Users can easily calibrate Peri-Star Pro to deliver flow as accurate as 0.5% in a wide flow range from 0.01 mL/min to 280 mL/min. Under rotation speed mode, the digitally controlled stepping motor provides accurate and reproducible operation with 0.1% rpm both forward and in reverse.

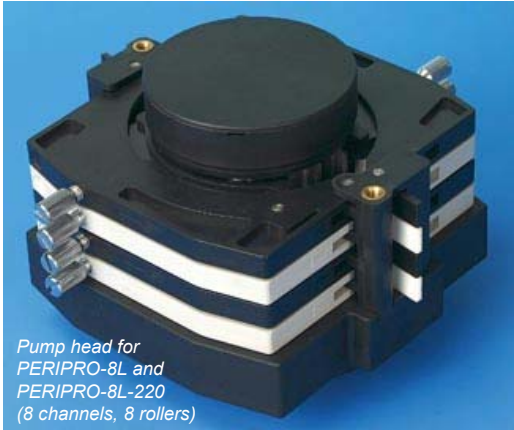
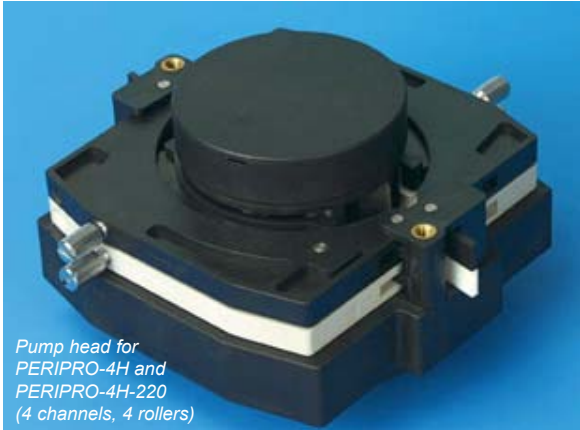
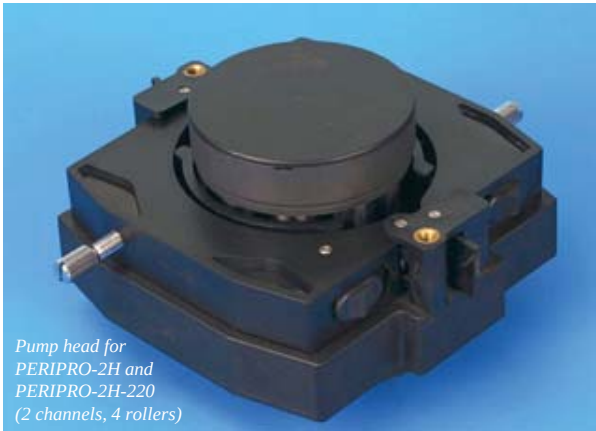
Large backlit digital LCD display provides readouts of rotation direction, flow rate or rotation speed, tubing ID, drive status and remote control mode simultaneously. Water resistant membrane keypad allows easy programming while protecting LCD display and controls from fluid entry.

Built-in Human Machine Interface (HMI) with screen instructions in plain English steps users through initial setup, calibration and operating procedures. The user-friendly interface reduces the need to frequently check the printed manual for instruction and reference.

Peri-Star Pro is available in two versions: a 4-roller version for high flow and an 8-roller version for lower volumes while providing high pressure with minimal pulsations.

A unique planetary gear design with eight actively driven rollers (four rollers for higher flow rate model), together with independent tubing compression fine adjustment, greatly increases flow accuracy and prolongs tubing life. Snap-on cartridges allow tubing to be changed quickly without cross contamination of solutions.

Available in 2-, 4- and 8-channel versions



PERI -STAR PRO SPECIFICATIONS		
	Peri-Star Pro 2H / 4H (High Rate)	Peri-Star Pro 4L / 8L (Low Rate)
NUMBER OF ROLLERS	4	8
NUMBER OF CHANNELS	2-4	4-8
ROTOR SPEED RANGE	1-100 rpm	1-100 rpm
FLUID FLOW RANGE	0.8-280 mL/min #17 Tubing: 3.5-280 mL/min	0.01-80 mL/min #14 Tubing: 0.2-18 mL/min
TUBING RANGE	3.1-6.4 mm ID	0.5-2.4 mm ID
SELF-CALIBRATION	Yes	Yes
WORKING ENVIRONMENT	0-45°C, Humidity < 80%	0-45°C, Humidity < 80%
POWER	110 V or 220 V AC, 50 - 60 Hz	110 V or 220 V AC, 50 - 60 Hz
DIMENSIONS	190 x 162 x 275 mm	190 x 162 x 275 mm
SHIPPING WEIGHT	11 lb / 5 kg	11 lb / 5 kg

NEW PERI-STAR PRO PUMPS	
PERIPRO-2H	Peri-Star™ Pro, 2-channel, High Rate, Large Tubing
PERIPRO-2H-220	Peri-Star™ Pro, 2-channel, High Rate, Large Tubing (220V)
PERIPRO-4H	Peri-Star™ Pro, 4-channel, High Rate, Large Tubing
PERIPRO-4H-220	Peri-Star™ Pro, 4-channel, High Rate, Large Tubing (220V)
PERIPRO-4L	Peri-Star™ Pro, 4-channel, Low Rate, Small Tubing
PERIPRO-4L-220	Peri-Star™ Pro, 4-channel, Low Rate, Small Tubing (220V)
PERIPRO-8L	Peri-Star™ Pro, 8-channel, Low Rate, Small Tubing
PERIPRO-8L-220	Peri-Star™ Pro, 8-channel, Low Rate, Small Tubing (220V)
OPTIONAL ACCESSORIES	
503049	Replacement Tubing Cartridge, Large
503050	Replacement Tubing Cartridge, Small
503022	Replacement Silicone Tubing, 1m, 1.6 mm I.D., #14, with stops
503023	Replacement -Silicone Tubing, 1m, 6.4 mm I.D., #17