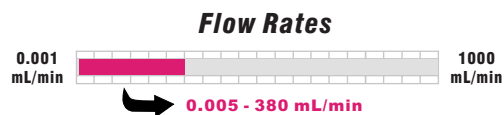


# Flow Rates Peristaltic Pump

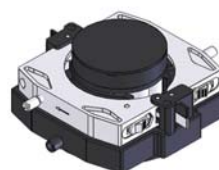


## LEAD-2

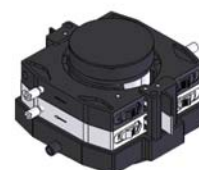
The applicable pump heads for Lead-2 are Lead15-48, Lead15-88, Lead15-24, Lead15-44 and max. 8 channels are available. The pump delivers flow rates from 0.005 to 380 mL/min. It has flow rates display and flow rates calibration functions. It also has functions of speed adjustment, start/stop, cw/ccw, prime (rinsing), tubing selection, RS485 communication, analog control, etc.



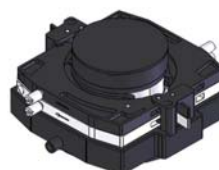
### Applicable Pump Heads



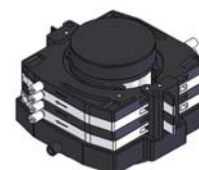
**LEAD15-24**  
(2 channels, 4 rollers)



**LEAD15-44**  
(4 channels, 4 rollers)



**LEAD15-48**  
(4 channels, 8 rollers)



**LEAD15-88**  
(8 channels, 8 rollers)

## Specifications

- Speed: 1.0 to 100.0 rpm, reversible
- Speed precision: 0.1 rpm
- Speed control: Rotary encoded switch coupled with membrane keypad
- Display: 128 × 32 graphic LCD displays current running status
- External control: Start/stop and cw/ccw control, 0 to 5 V, 0 to 10V, and 4 to 20mA speed control
- Communication: RS485
- Power supply: AC 90 - 260V 50/60 Hz
- Power consumption: < 50W
- Operating condition: Temperature 0 to 40 °C  
Relative humidity < 80%
- Dimensions (L × W × H):  
190 × 162 × 275 (mm)
- Drive weight: 3.5 kg
- IP Rating: IP 31

## Functions and Features

- Accept 4 special pump heads.
- Display can switch between flow rates and speed.
- Calibration function for more accurate flow rates
- Computer control available through RS485 communication
- Prime key for fast filling and emptying



Drive	Part Number	Pump Head	Tubing	Flow Rates (mL/min)	Weight (kg)
LEAD-2	52161015	LEAD15 - 24	16# 25# 17#	1 - 380 (Per channel)	4.36
		LEAD15 - 44		1 - 380 (Per channel)	4.42
		LEAD15 - 48	Inner Diameter ≤ 3.17 mm Wall Thickness 0.8 - 1.0 mm 13# 14#	0.005 - 75 (Per channel) 0.07 - 20 (Per channel)	4.48
		LEAD15 - 88	Inner Diameter ≤ 3.17 mm Wall Thickness 0.8 - 1.0 mm 13# 14#	0.005 - 75 (Per channel) 0.07 - 20 (Per channel)	4.48