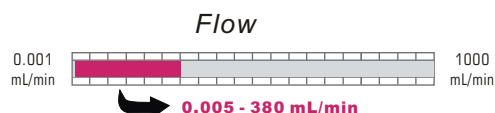
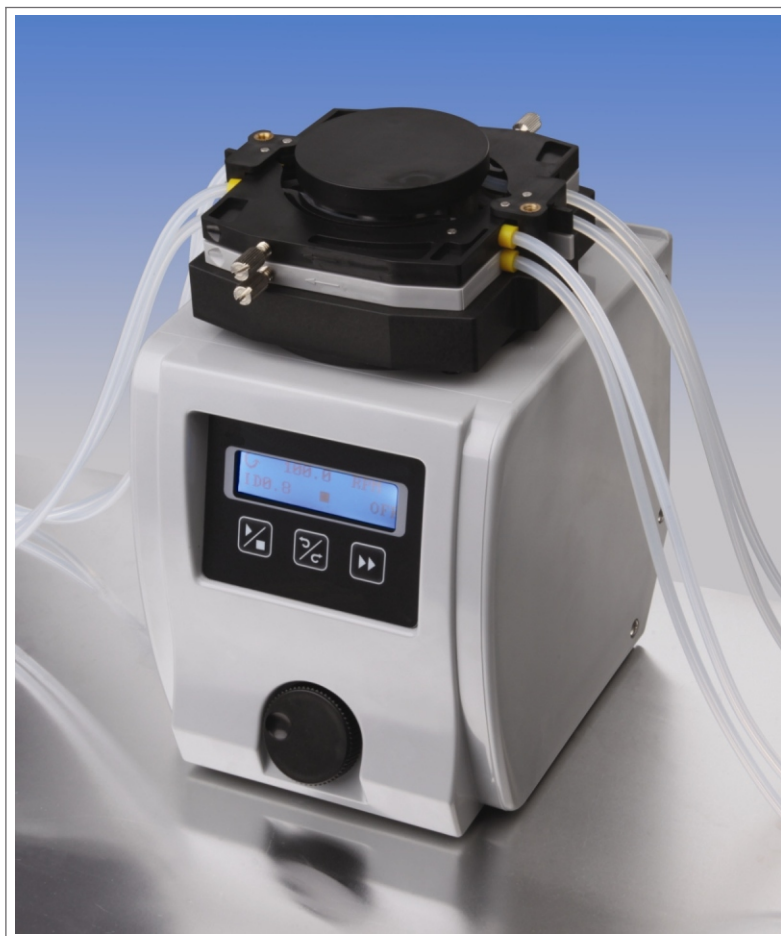


# Flow Rates Peristaltic

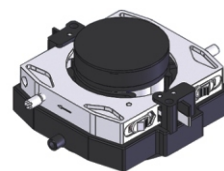


## D-LEAD-2

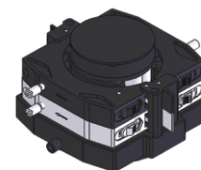
The applicable pump heads for D-LEAD-2 are D-LEAD15-48, LEAD15-88, D-LEAD15-24, D-LEAD15-44 and max. 8 channels are available. The pump delivers flow rates from 0.005 to 380 mL/min. It has flow rates display and flow rates calibration functions. It also has functions of speed adjustment, start/stop, cw/ccw, prime (rinsing), tubing selection, RS485 communication, analog control,



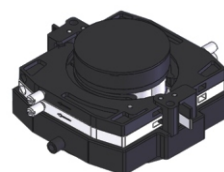
### Applicable Pump Heads



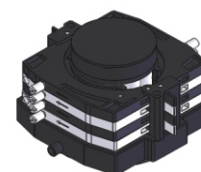
**D-LEAD15-24**  
(2 channels, 4 rollers)



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



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



**D-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 10 V, 4 to 20 mA and 0-10 kHz 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

- Vertical structure
- 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 (Single channel:mL/min)	Weight(kg)
D-LEAD - 2	D0502197	D-LEAD15 - 24	16# 25# 17#	1 - 380	4.36
		D-LEAD15 - 44		1 - 380	4.42
		D-LEAD15 - 48	Inner Diameter ≤ 3.17 mm Wall Thickness 0.8 - 1.0 mm 13# 14#	0.005 - 75 0.07 - 20	4.48
		D-LEAD15 - 88	Inner Diameter ≤ 3.17 mm Wall Thickness 0.8 - 1.0 mm 13# 14#	0.005 - 75 0.07 - 20	4.48