

Flow Rates Peristaltic Pump



Model No: LabN1-III

Flow Rate: 0.0053-775mL/min



Single Channel



Dual Channel

Product Features

- Friendly interface, 3.2 inch big screen LCD display working parameters in real time.
- Super silent drive setting, precise control, low vibration and low noise.
- Streamlined body design, with ABS Engineering Plastic Shell and add UV Spray Coating.
- Power down memory function, store parameters in time, safe and reliable. Strong anti-jamming featurewide voltage design, suitable for complex power supply environment.
- Multi-Cycle Timed Dispensing

Control Panel



■ Pump Head & Flow Rate



EasyPump Series
(Pressure Adjustable)



EasyPump Series
(Fixed Pressure)



EasyPump-PPS Series
(Pressure Adjustable)



EasyPump-PPS Series
(Fixed Pressure)

Pump Head	Single/Dual Channel	Tubing Wall Thickness(mm)	Pressure Adjustable
EasyPump I	Single Channel	1.6	No
EasyPump II	Single Channel	2.4	No
EasyPump V	Dual Channel	1.6	No

Pump Head	Single/Dual Channel	Tubing Wall Thickness(mm)	是否可调压
EasyPump III	Single Channel	1.6	Adanbh
EasyPump IV	Single Channel	2.4	Adanbh
EasyPump VI	Dual Channel	1.6	Adanbh

Pump Head	Tubing	IDxWall thickness(mm)	mL/r	Flow Rate(mL/min) (0.1-150rpm)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
Single Channel EasyPump I/III	13#	0.8x1.6	0.053	0.0053-8	0.27	0.17	0.6
	14#	1.6x1.6	0.27	0.027-41			
	19#	2.4x1.6	0.55	0.055-83			
	16#	3.2x1.6	0.933	0.0933-140			
	25#	4.8x1.6	1.967	0.1967-295	0.24	0.14	
	17#	6.4x1.6	3.333	0.3333-500	0.14	0.10	
	18#	7.9x1.6	4.3	0.43-645	0.10	0.07	
Single Channel EasyPump II/IV	15#	4.8x2.4	1.8	0.18-270	0.27	0.17	
	24#	6.4x2.4	2.733	0.2733-410			
	35#	7.9x2.4	3.833	0.3833-575	0.24	0.14	
	36#	9.6x2.4	5.167	0.5167-775			
Dual Channel EasyPump V/VI	13#	0.8x1.6	0.053	0.0053-8	0.27	0.17	
	14#	1.6x1.6	0.27	0.027-41			
	19#	2.4x1.6	0.55	0.055-83			
	16#	3.2x1.6	0.933	0.0933-140			
	25#	4.8x1.6	1.967	0.1967-295	0.24	0.14	

■ Technical Specifications

Flow rate range	0.0053-775mL/min
Speed resolution	0.1rpm
Back suction angle	0-360°
Dispensing time	0.1s-9999h
Pause time	0.1s-9999h
Repeat number	1-9999 times, setting "0" as infinite/continuous dispensing
Display	3.2" color LCD screen display
Motor type	Closed-loop stepper motor
Control system	Mechanical keypad+Rotary encoded switch
Keypad lifetime	300,000 times
External control speed signal	0-5V, 0-10V, 4-20mA for option
Start/stop.direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V
Communication interface	RS232, RS485 support Modbus protocol(RTU mode)
Output interface	Output motor working status (Open-Collector output)
Power supply	AC 220V $\pm$ 10%, 50Hz/60Hz(standard), AC 110V $\pm$ 10%, 50Hz/60Hz (optional)
Drive dimension	259x157x237mm(LxWxH)
Drive weight	4.40kg
Power consumption	<80W
Environment temperature	0-40°C
Relative humidity	<80%

■ Dimension Drawing (Unit:mm)

