

Flow Rate Peristaltic Pump

Model No: N6-3L/EasyPump

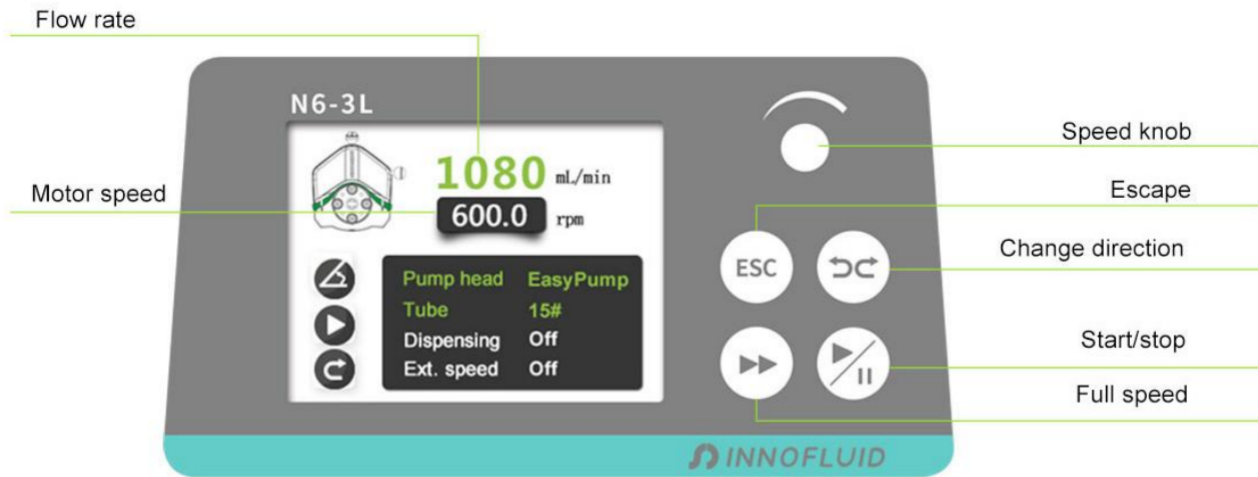
Flow Rate: 0.0053-3100 mL/min



■ Product Features

- 3.2-inch LCD display, mute drive setting, accurate control, low vibration and low noise.
- Mechanical button control, menu-type interface, convenient for users to set various parameters at any time.
- With timing distribution function, the time range is 0.1 second to 9999 hours, the repetition number setting range is 1-9999 times, and setting 0 is unlimited times.
- External control function, supports 0-5V, 0-10V, 4-20mA three kinds of analog signal speed regulation, supports RS232/RS485 communication, standard MODBUS communication protocol (RTU mode).
- Power-down memory function to store data in time. Strong anti-interference, wide voltage design, suitable for complex working environment.
- Quick filling function, which can clean the hose and fill the pipeline with liquid.
- High torque, low power consumption, can connect multiple pump heads in series, or install multi-channel pump heads to meet different application needs.
- Multiple Dispensing Function.

■ Control Panel



■ Pump Head & Flow Rate



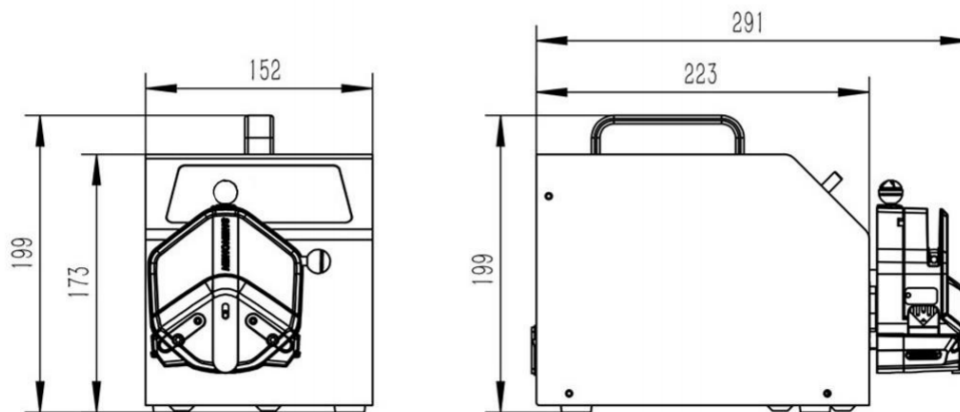
EasyPump Series
(Pressure Adjustable)



EasyPump Series
(Fixed Pressure)

Pump Head	Tubing	IDxWall thickness(mm)	mL/r	Flow Rate(mL/min) (0.1-600rpm)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
Single Channel EasyPump I/III	13#	0.8x1.6	0.053	0.0053-32	0.27	0.17	0.6
	14#	1.6x1.6	0.27	0.027-162			
	19#	2.4x1.6	0.55	0.055-330			
	16#	3.2x1.6	0.933	0.0933-560			
	25#	4.8x1.6	1.967	0.1967-1180	0.24	0.14	
	17#	6.4x1.6	3.333	0.3333-2000	0.14	0.10	
	18#	7.9x1.6	4.3	0.43-2580	0.10	0.07	
Single Channel EasyPump II/IV	15#	4.8x2.4	1.8	0.18-1080	0.27	0.17	
	24#	6.4x2.4	2.733	0.2733-1640			
	35#	7.9x2.4	3.833	0.3833-2300	0.24	0.14	
	36#	9.6x2.4	5.167	0.5167-3100			
Dual Channel EasyPump V/VI	13#	0.8x1.6	0.053	0.0053-32	0.27	0.17	
	14#	1.6x1.6	0.27	0.027-162			
	19#	2.4x1.6	0.55	0.055-330			
	16#	3.2x1.6	0.933	0.0933-560			
	25#	4.8x1.6	1.967	0.1967-1180	0.24	0.14	

■ Dimension Drawing (Unit:mm)



■ Technical Specifications

Flow rate range	0.0053~3100 mL/min
Speed range	0.1-600 rpm
Flow rate accuracy	< $\pm 0.5\%$
Speed resolution	0.1 rpm
Fixed time dispensing function	0.1s-9999 h
Dispensing time	0.1s-9999h
Pause time	0.1s-9999h
Repeat number	1-9999 times, setting "0" as infinite/continuous dispensing
Control method	Mechanical keypad + Rotary encoded switch
Display	3.2" high definition LCD screen
Start/stop, direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V
External speed control signal	0-5V, 0-10V, 4-20mA (for option)
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)
Power consumption	< 80W
Communication interface	RS232, RS485 support MODBUS protocol (RTU mode)
Motor type	Closed-loop stepper motor
Copy numbers	1-9999 times, setting '0' means unlimited
Drive dimension (L×W×H)	223×152×199 mm
Drive weight	5.06 kg
Relative humidity	< 80%
Environment temperature	0-40°C
Back suction angle	0-360°