

Flow Rate Peristaltic Pump

Model No: N6-3L/DZ Series

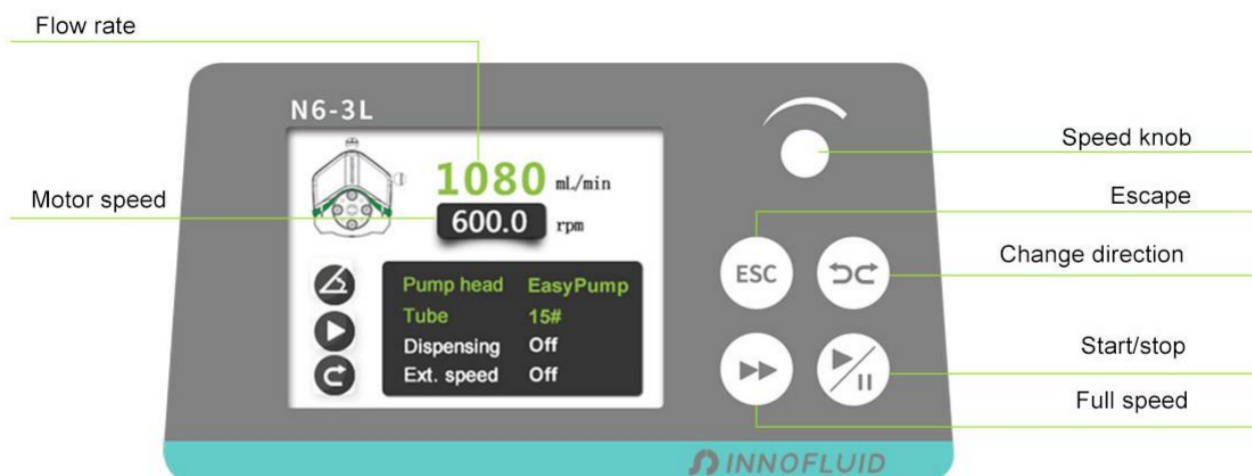
Flow Rate: 0.211-3600 mL/min



■ 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



DZ25-3L(PPS)



DZ25-3L(Aluminium Alloy)

Drive	Motor Type	Pump Head	Tubing Size	Speed range(rpm)	Flow rate(mL/min)
N6-3L	Closed-loop stepper motor	DZ25-3L	15#, 24#, 35#, 36#	0.1-600	0.211-3600

■ Technical Specifications

Flow rate range	0.211~3600 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)	223×152×230 mm
Drive weight	5.06 kg
Relative humidity	< 80%
Environment temperature	0-40°C
Back suction angle	0-360°

■ Dimension Drawing (Unit:mm)

