

Flow Rate Peristaltic Pump

Model No: V6-6L

Flow Rate: 0.3-6000mL/min



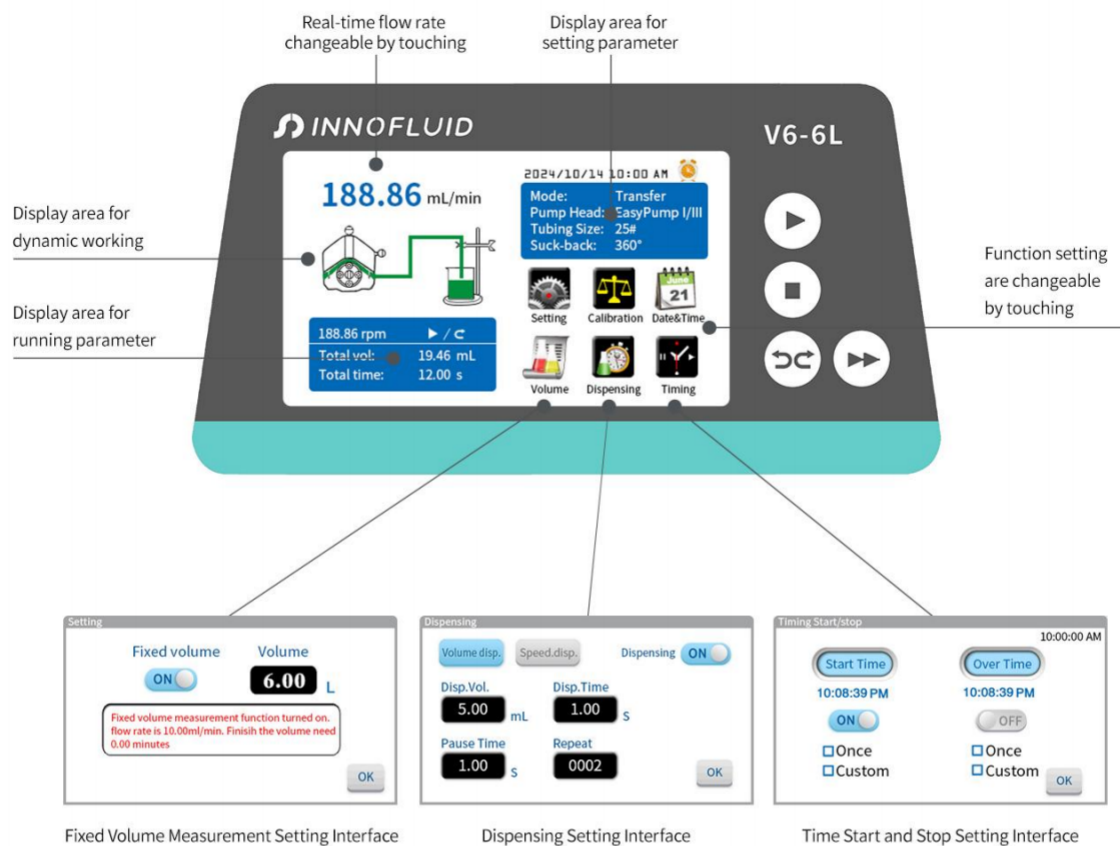
■ Product Introduction

Intelligent flow rate type industrial peristaltic pump with serve motor drive, use 4.3 inch true color LCD display, touch screen control. Speed range: 0.1~600rpm/min, Flow rate: 0.3~6000mL/min; Dynamic display transferring state, flow rate data, setting parameters and system configuration in the same screen. Intelligent calibration and online micro adjusting function. Industry application: Transmission of industrial production, Pharmaceuticals, Industry of fine chemicals.

■ Product Features

- Dynamic display transferring status. Flow rate data, setting parameters and system configuration display in the same screen.
- Four-working modes: Fixed volume, volume dispensing, speed dispensing, and timing start/stop functions meet complex transmission and dispensing requirements.
- Intelligent calibration function and online micro adjusting function, can be in the case of not stop, adjust the flow, eliminate the error.
- Streamlined body design, with ABS Engineering Plastic Shell and add UV Spray Coating.
- Circuit board three layers of paint spraying process, dust proof, moisture proof, anti-static, corrosion resistance.

Control Panel



Pump Head



DZ25-6L(PPS)



DZ25-6L(Aluminium Alloy)

Drive	Motor Type	Pump Head	Tubing Size	Speed Range(rpm)	Flow Rate(mL/min)
V6-6L	Closed-loopstepper motor	DZ25-6L	15#,24#,35#,36#	0.1-600	0.3~6000

■ Technical Specifications

Flow rate range	0.3~6000 mL/min
Speed range	0.1-600 rpm
Speed resolution	0.01 rpm
Flow rate resolution	0.01 mL
Dispensing volume	0.01-9999mL
Volume resolution	0.01mL
Dispensing time	0.1-9999s
Pause time	0.1-9999s
Time resolution	0.01s
Repeat number	1-9999 times, setting "0" as infinite/continuous dispensing
Flow rate accuracy	$< \pm 0.5\%$
Back suction angle	0-360°
Motor type	Closed-loop stepper motor
Display	Industrial grade 4.3" color LCD display
Control method	Touch screen and mechanical keypad
Keypad lifetime	300,000 times
External speed control signal	0-5V, 0-10V, 4-20mA
Start/stop, direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V universal
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	283×192×218 mm
Drive weight	7.85 kg
Power consumption	$< 180W$
Environment temperature	0-40°C
Relative humidity	$< 80\%$

■ Dimension Drawing (Unit:mm)

