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

Large flow rate, high precision, intelligent control of liquid transferring.
Closed-loop stepper motor drive, accurate control, strong driving force.
304 stainless steel housing, the first choice for high level industrial sites.

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Pump Head



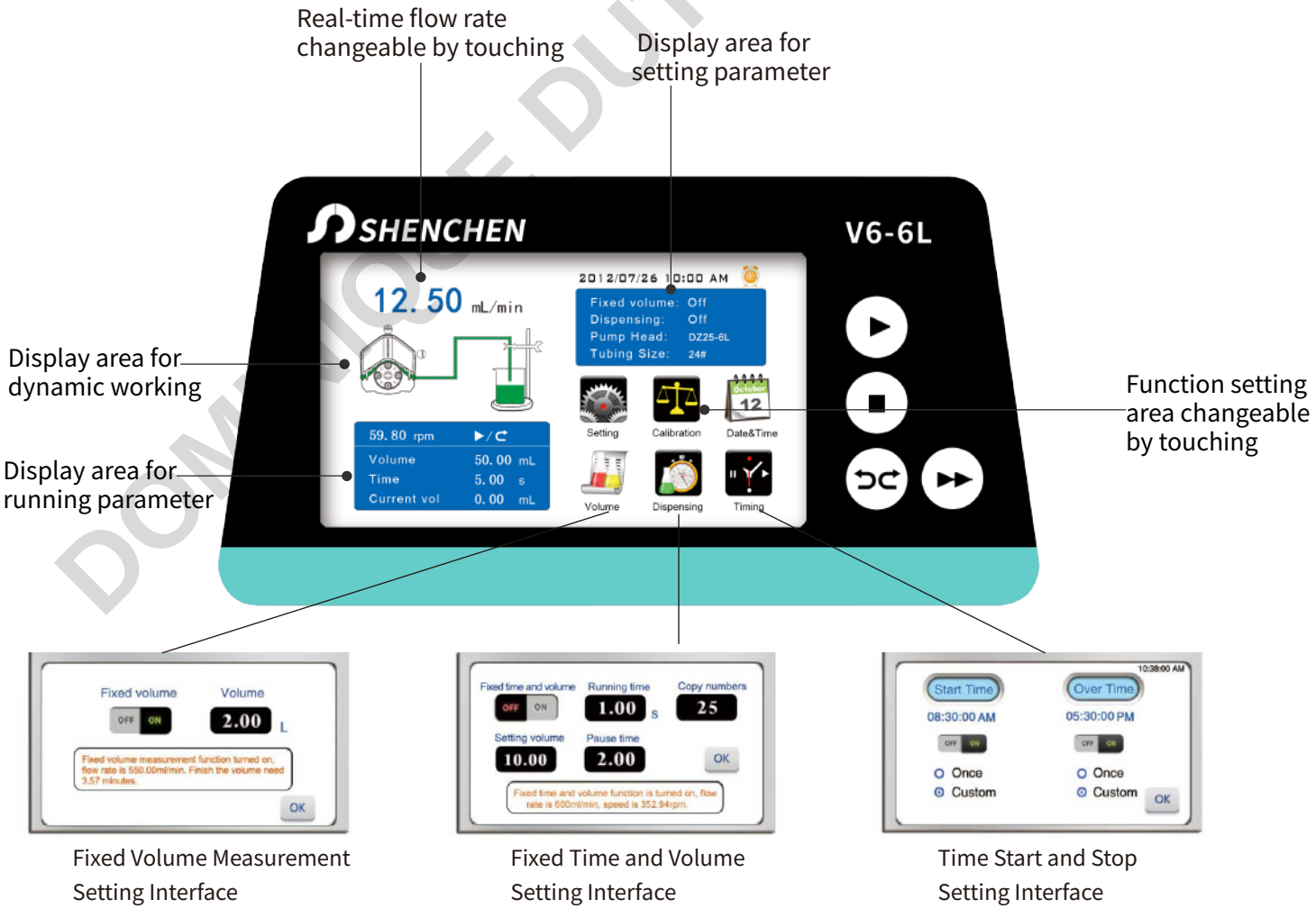
DZ25-6L(PPS)



DZ25-6L(Aluminium Alloy)

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

Screen Display



Fixed Volume Measurement Setting Interface

Fixed Time and Volume Setting Interface

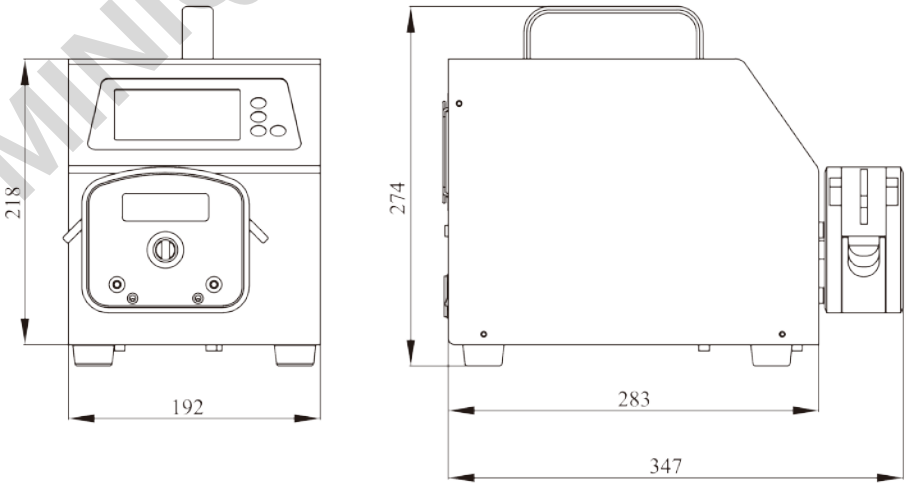
Time Start and Stop Setting Interface

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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
Flow rate accuracy	<±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: 5-24V universal
Communication interface	RS232, RS485 support MODBUS protocol(RTU mode)
Output interface	Output motor working status (Open-Collector output)
Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Drive dimension	283×192×274 mm
Drive weight	7.85kg
Power consumption	<180W
Environment temperature	0-40°C
Relative humidity	<80%

Dimension Drawing(Unit: mm)



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