



Flow Rate Peristaltic Pump

Model NO. : V6-6L

Flow Rate : 0.3-6000mL/min



Aluminium Alloy



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.



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

Real-time flow rate changeable by touching

Display area for setting parameter

Display area for dynamic working

Display area for running parameter

Function setting area changeable by touching

SHENCHEN V6-6L

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12.50 mL/min

59.80 rpm

Volume 50.00 mL

Time 5.00 s

Current vol 0.00 mL

Fixed volume: Off

Dispensing: Off

Pump Head: DZ25-6L

Tubing Size: 24#

Setting Calibration Date&Time

Volume Dispensing Timing

Fixed Volume Measurement Setting Interface

Fixed Time and Volume Setting Interface

Time Start and Stop Setting Interface



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	$<\pm 0.5\%$
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: 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 $\pm 10\%$ 50Hz/60Hz (standard) AC 110V $\pm 10\%$ 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)

