



# 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.



### 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

Fixed volume: OFF ON

Volume: 2.00 L

Fixed volume measurement function turned on, flow rate is 550.00ml/min, Finish the volume need 3.57 minutes.

OK

Fixed Volume Measurement Setting Interface

Fixed time and volume: OFF ON

Running time: 1.00 s

Copy numbers: 25

Setting volume: 10.00

Pause time: 2.00

Fixed time and volume function is turned on, flow rate is 600ml/min, speed is 352.94rpm.

OK

Fixed Time and Volume Setting Interface

Start Time: 08:30:00 AM

Over Time: 05:30:00 PM

10:38:00 AM

OFF ON

Once Custom

Once Custom

OK

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	<±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)

