



Flow Rate Peristaltic Pump

Model NO. : V6-12L

Flow Rate : 0.69-12000mL/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: 0.69~12000mL/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



YZ35 (PPS)



YZ35 (Aluminum Alloy)

Drive	Motor Type	Pump Head	Tubing Size	Speed Range(rpm)	Flow Rate(mL/min)
V6-12L	Closed-loop stepper motor	YZ35	26#, 73#, 82#	0.1-600	0.69~12000

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 Measurement Setting Interface

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.

Fixed Time and Volume 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 500mL/min, speed is 352.94rpm.

Time Start and Stop Setting Interface

Start Time: 08:30:00 AM, Over Time: 05:30:00 PM

Once/Custom selection.



Technical Specifications

Flow rate range	0.69~12000 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	302×222×331 mm
Drive weight	13.14kg
Power consumption	<300W
Environment temperature	0-40°C
Relative humidity	<80%

Dimension Drawing(Unit: mm)

