

Flow Rates Peristaltic Pump

LabV/V Series

3 years warranty



Laboratory

Industrial equipment supporting

- Industrial grade 4.3" true color LCD screen, touch screen control.
- Dynamic display transferring status. Flow rate data, setting parameters and system configuration display in the same screen.
- 3 Kinds of working mode: fixed volume metering, fixed time and volume, timer start and stop, meet different transferring and dispensing request.
- Intelligent calibration function and online micro adjusting function.

Suitable Pump Head



EasyPump Series
(Pressure Adjustable)



EasyPump Series
(Fixed Pressure)



AMC Series



YZ Series

Flow Rates Peristaltic Pump

V1, V3, V6

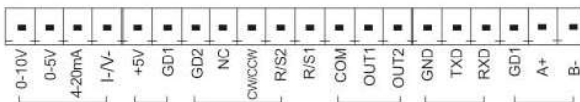
3 years warranty



V1, V3, V6

Laboratory
Industrial equipment

External Control Schematic Diagram



Technical Specifications

Flow rate range	LabV1-III: 0.0053~775 mL/min	External speed control signal	0-5V, 0-10V, 4-20mA for option
	LabV3-III: 0.0053~1808 mL/min		
	LabV6-III: 0.0053~3100 mL/min	Start/stop, direction signal	Passive switch signal, such as foot pedal switch Active switch signal: 5-24V universal
	LabV1/V1: 0.0002~570 mL/min		
	LabV3/V3: 0.0002~1330 mL/min	Communication interface	RS232. RS485 support MODBUS protocol (RTU mode)
LabV6/V6: 0.0002~2280 mL/min			
Speed range	0.1-600 rpm	Output interface	Output motor working status (Open-Collector output)
Speed resolution	0.01 rpm		
Flow rate resolution	0.01 mL	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Flow rate accuracy	<±0.5%		
Back suction angle	0-360°	Drive dimension (L×W×H)	LabV Series: 261.4×157.3×236.9 mm V Series: 252×152×243 mm
Motor type	LabV-III series: Closed-loop stepper motor		
	LabV/V series: Stepper motor	Drive weight	LabV Series: 4.40 kg V Series: 4.20 kg
Display	Industrial grade 4.3" LCD color display		
Control method	Touch screen and Mechanical keypad	Power consumption	<80W
Keypad lifetime	300,000 times	Condition temperature	0-40℃
		Relative humidity	< 80%

Product Composition and Flow Rate Range

Flow Rates Peristaltic Pump		Pump Head & Flow Rate (mL/min)			
		New Generation Quick Load Type Pump Head			
Tubing		EasyPumpI/III	EasyPumpII/IV	EasyPumpV/VI(dual channel)	
Drive&speed		13", 14", 19", 16", 25", 17", 18"	15", 24", 35", 36"	13", 14", 19", 16", 25"	
LabV1-III	0.1-150 rpm	0.0053~645	0.18~775	0.0053~295	
LabV3-III	0.1-350 rpm	0.0053~1505	0.18~1808	0.0053~688	
LabV6-III	0.1-600 rpm	0.0053~2580	0.18~3100	0.0053~1180	
Tubing		YZ1515x	YZ2515x	AMC1~AMC12(10)	AMC1~AMC12(6)
Drive&speed		13", 14", 19", 16" 25", 17", 18"	15", 24"	Inner diameter: 0.13-3mm Wall thickness: 0.8-1mm	
LabV1/V1	0.1-150 rpm	0.007~570	0.17~435	0.0002-48(working speed≤150rpm)	0.0002-65(working speed≤150rpm)
LabV3/V3	0.1-350 rpm	0.007~1330	0.17~1015		
LabV6/V6	0.1-600 rpm	0.007~2280	0.17~1740		

Flow rate Setting Interface
External Control Speed Setting Interface

Fixed Volume Measurement Setting Interface
Fixed Time and Volume Setting Interface
Timer Start and Stop Setting Interface

