



# Flow Rates Peristaltic Pump

**Model No.:** V1

**Flow Rate:** 0.0002-645mL/min



## Product Introduction

Intelligent flow rates industrial peristaltic pump, with 4.3" true color LCD display, touch screen control, speed range: 0.1-150rpm, flow range 0.0002-645mL/min; dynamic display working status, flow data, parameters, system configuration display in the same screen, support RS232 and RS485, standard MODBUS communication interface, can realize external control in various industrial situation. Industry application: Laboratory, Industrial equipment supporting .

## Product Features

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.



Pump Head



EasyPump Pump Head

EasyPump-PPS Pump Head

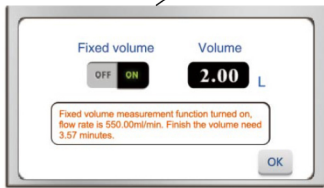
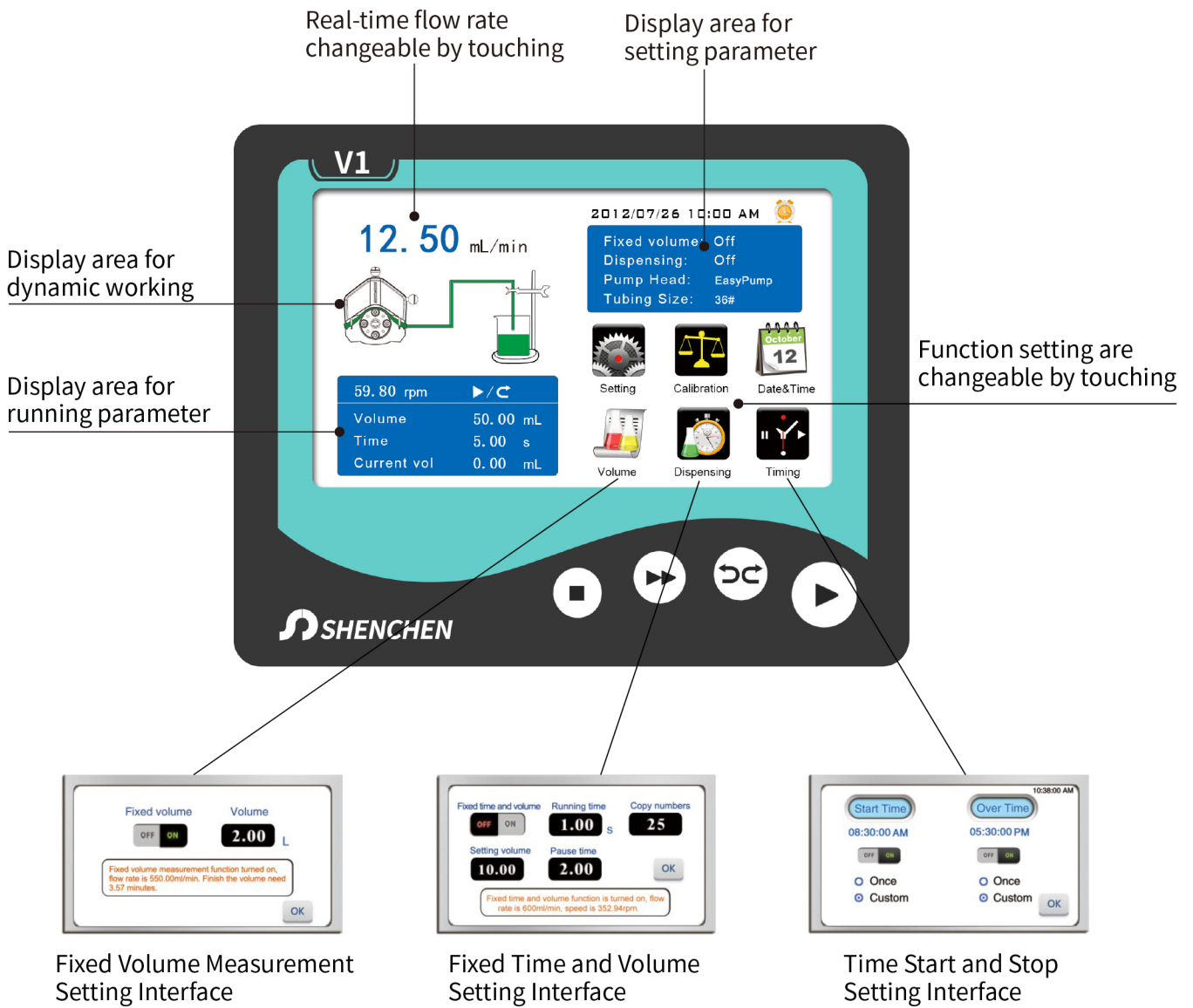
AMC Pump Head

YZ Pump Head

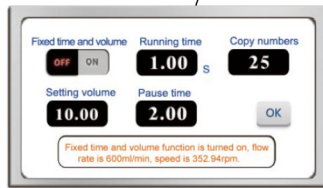
Drive&Speed	Pump Head	Tubing Size	Flow Rate(mL/min)
V1 0.1-150rpm	EasyPumpI/III	13#, 14#, 19#, 16#, 25#, 17#, 18#	0.0053-645
	EasyPumpII/IV	15#, 24#	0.18-410
	EasyPumpV/VI	13#, 14#, 19#, 16#, 25#	0.0053-295
	2*EasyPumpI/III	13#, 14#, 19#, 16#, 25#	0.0053-295
	2*EasyPumpII/IV	15#	0.18-270
	2*EasyPumpV/VI	13#, 14#, 19#, 16#	0.0053-140
	AMC1-AMC12(10)	Inner diameter:0.13~3mm Wall thickness: 0.8~1mm	0.0002-48(suggestion working speeds≤150rpm)
	AMC1-AMC12(6)		0.0002-65(suggestion working speeds≤150rpm)
	YZ1515x	13#, 14#, 19#, 16#, 25#, 17#, 18#	0.007-570
	YZ2515x	15#, 24#	0.17-435



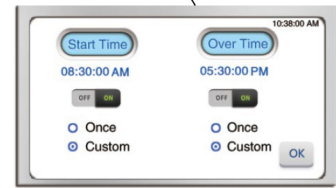
### Screen Display



Fixed Volume Measurement Setting Interface



Fixed Time and Volume Setting Interface



Time Start and Stop Setting Interface



## Technical Specifications

Flow rate	0.0002-645mL/min
Speed range	0.1-150rpm
Speed resolution	0.01 rpm
Flow rate resolution	0.01 mL
Flow rate accuracy	<±0.5%
Back suction angle	0-360°
Motor type	Stepper motor
Display	Industrial grade 4.3" LCD color display
Control method	Touch screen and Mechanical keypad
Keypad lifetime	300,000 times
External speed control signal	0-5V, 0-10V, 4-20mA for option
Start/stop,direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V
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 (L×W×H)	252×152×243(L×W×H)
Drive weight	4.20kg
Power consumption	< 80W
Condition temperature	0-40°C
Relative humidity	<80%

## Dimension Drawing(Unit: mm)

