Flow Rate Peristaltic Pump

Model NO. : V6-3L/EasyPump
Flow Rate : 0.0053-3100mL/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: 0.0053~3100mL/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



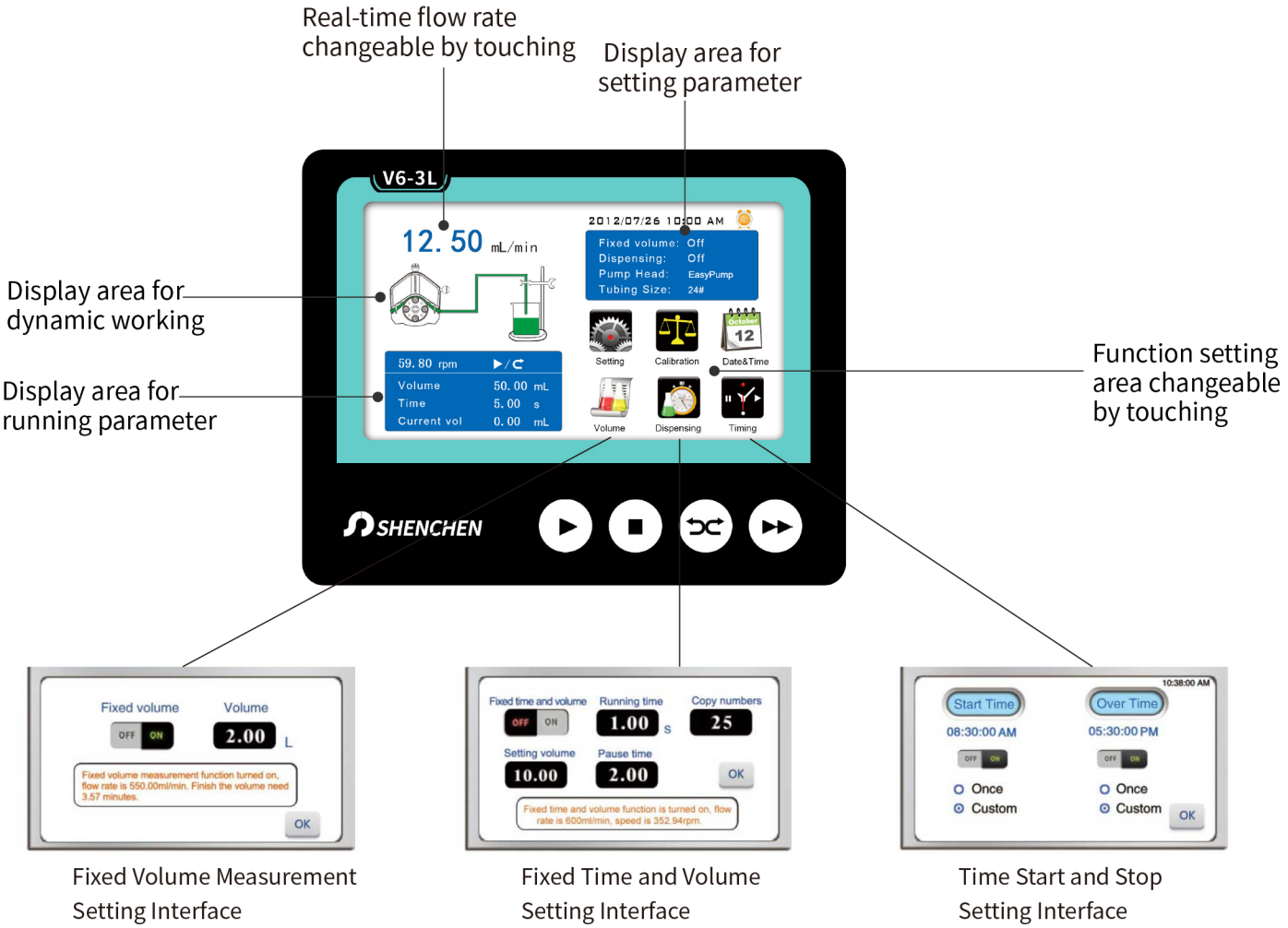
EasyPump Series(Pressure Adjustable)



EasyPump Series(Fixed Pressure)

Pump Head	Tubing	ID×Wall thickness (mm)	mL/r	Flow Rate(mL/min) (0.1-600rpm)	Tubing Max.Pressure(Mpa)		Weight(Kg)
					Intermittent	Continuous	
Single Channel EasyPump I/III	13#	0.8×1.6	0.053	0.0053~32	0.27	0.17	0.6
	14#	1.6×1.6	0.27	0.027~162			
	19#	2.4×1.6	0.55	0.055~330			
	16#	3.1×1.6	0.933	0.0933~560			
	25#	4.8×1.6	1.967	0.1967~1180	0.24	0.14	
	17#	6.4×1.6	3.333	0.3333~2000	0.14	0.10	
	18#	7.9×1.6	4.3	0.430~2580	0.10	0.07	
Single Channel EasyPump II/IV	15#	4.8×2.4	1.8	0.180~1080	0.27	0.17	
	24#	6.4×2.4	2.733	0.2733~1640			
	35#	7.9×2.4	3.833	0.3833~2300	0.24	0.14	
	36#	9.6×2.4	5.167	0.5167~3100			
Dual Channel EasyPump V/VI	13#	0.8×1.6	0.053	0.0053~32	0.27	0.17	
	14#	1.6×1.6	0.27	0.027~162			
	19#	2.4×1.6	0.55	0.055~330			
	16#	3.1×1.6	0.933	0.0933~560			
	25#	4.8×1.6	1.967	0.1967~1180	0.24	0.14	

Screen Display



Fixed Volume Measurement Setting Interface

Fixed Time and Volume Setting Interface

Time Start and Stop Setting Interface

Technical Specifications

Flow rate range	0.0051~3100 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	223×152×231 mm
Drive weight	5.02kg
Power consumption	<80W
Environment temperature	0-40°C
Relative humidity	<80%

Dimension Drawing(Unit: mm)

