



Dispensing Peristaltic Pump

Model NO. : F6-3L/EasyPump

Flow Rate : 0.0053-3100mL/min



Product Features

Suitable for large flow rate, high efficiency, high precision filling.

Closed-loop stepper motor drive, accurate control, strong driving force.

304 stainless steel drive housing can support the filling line.

Two working mode: Volume dispensing and speed dispensing (special for viscous liquid filling)



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	0.24	0.14	
	25#	4.8×1.6	1.967	0.1967~1180	0.14	0.10	
	17#	6.4×1.6	3.333	0.3333~2000	0.10	0.07	
	18#	7.9×1.6	4.3	0.430~2580	0.27	0.17	
Single Channel EasyPump II/IV	15#	4.8×2.4	1.8	0.180~1080			
	24#	6.4×2.4	2.733	0.2733~1640	0.24	0.14	
	35#	7.9×2.4	3.833	0.3833~2300			
Dual Channel EasyPump V/VI	36#	9.6×2.4	5.167	0.5167~3100	0.27	0.17	
	13#	0.8×1.6	0.053	0.0053~32			
	14#	1.6×1.6	0.27	0.027~162			
	19#	2.4×1.6	0.55	0.055~330	0.24	0.14	
	16#	3.1×1.6	0.933	0.0933~560			
25#	4.8×1.6	1.967	0.1967~1180				



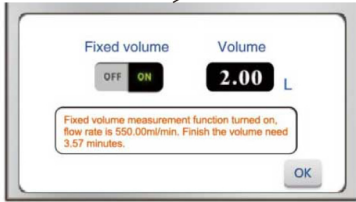
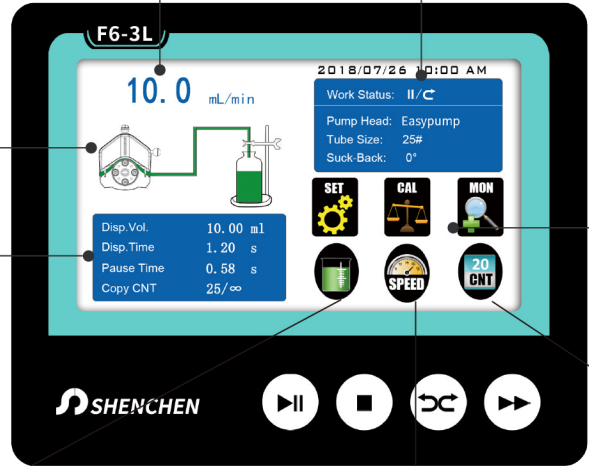
Screen Display

Real-time flow rate changeable by touching Display area for setting parameter

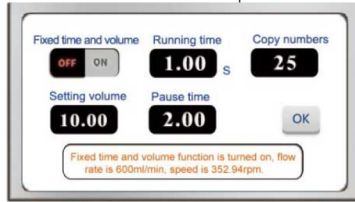
Display area for dynamic working

Display area for running parameter

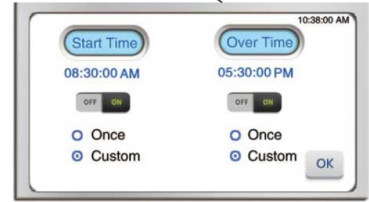
Function setting area changeable by touching



Fixed Volume Measurement Setting Interface



Fixed Time and Volume Setting Interface



Time Start and Stop Setting Interface



Technical Specifications

Flow rate range	0.0053~3100 mL/min
Speed range	0.1-600 rpm
Speed resolution	0.01 rpm
Dispensing volume range	0.1-9999.99 mL
Dispensing volume resolution	0.01 mL
Dispensing time	0.1-9999.99 s
Pause time	0.1-9999.99 s
Time resolution	0.01 s
Copy numbers	1-9999 times, setting '0' means unlimited
Back suction angle	0-360°
Dispensing accuracy	<±0.5%
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
Start/stop, direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5-24V
Output interface	Output motor working status (Open-Collector output)
Communication interface	RS232, RS485 support Modbus protocol (RTU mode)
Power supply	AC 220V±10% 50Hz/60Hz (Standard) AC 110V±10% 50Hz/60Hz (Optional)
Drive dimension	223×152×231mm
Drive weight	5.02kg
Power consumption	<80W
Condition temperature	0-40°C
Relative humidity	<80%

Dimension Drawing(Unit: mm)

