

F6-12L



Category: Dispensing Peristaltic Pump

FlowRate : 6.9-12000mL/min

Product features

Touch screen control, can preset the dispensing volume, dispensing time, pause time, copy numbers and back suction angle. Animation display the working status. Dispensing datas, setting datas and system setting display in the same screen.

Industry application

Big volume liquid filling;
Medicine, cosmetic, food and beverage filling.

Handling Dispenser

Based on human body engineering design, elegant appearance, grip feeling comfortable, easy operation. Connect to peristaltic pump external control interface, with start/stop and full speed control, can realize transferring and dispensing function. Power supply and working indicator, show the dispenser working status. With hanging hole, can be hang up when do not use.

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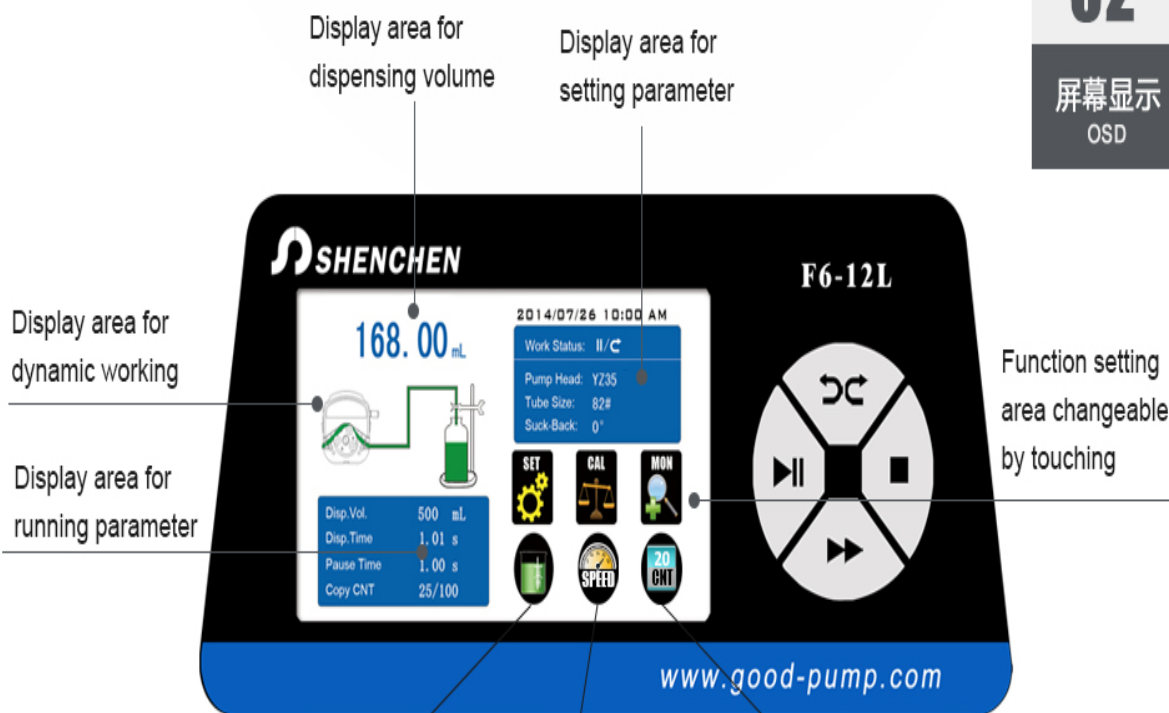
INTRODUCTION



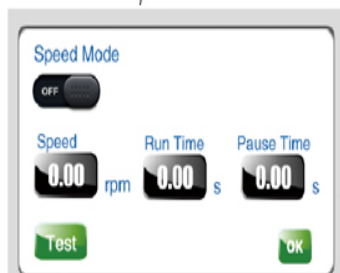
Servo motor drive, intelligent type industrial dispensing peristaltic pump. Imported 4.3 inch industrial grade, true color LCD screen. Unique motor working status output signal, can be used for other equipment monitor the peristaltic pump current filling status. Suitable for big volume, high efficiency, high accuracy filling. For example: filling volume 500ml, it can fill 15 bottles in one minute. Industry application: Big volume liquid filling; Medicine, cosmetic, food and beverage filling.

6 CHARACTERISTIC

- Imported 4.3" industrial grade color LCD screen display, with touch screen control.
- Can preset dispensing volume, dispensing time, pause time and copy numbers.
- Intelligent calibration function and online micro adjusting function, can be in the case of not stop, adjust the flow, eliminate the error.
- 304 stainless steel housing, comply with pharmaceutical GMP certificate requirement. Meantime, use seamless welding technology, avoid accidental spilled liquid on the housing infiltrate inside, to protect the inside circuit board.
- The pump can store 60 commonly used filling modes.
- Back suction angle setting, avoid liquid drop off when the pump stops working.
- Two dispensing modes: Volume dispensing and Speed dispensing, suitable for different fluid.



Volume dispensing interface



Speed dispensing interface



Repeat numbers interface

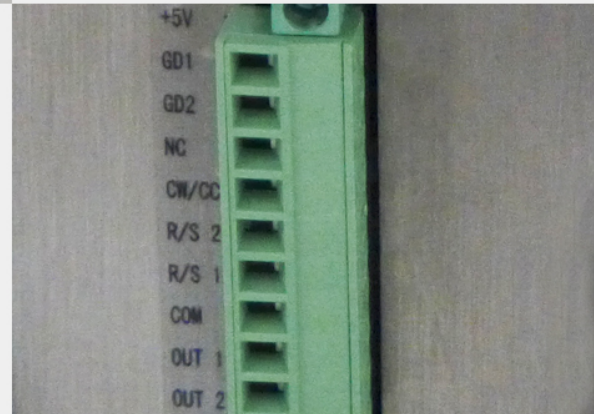


Metal Lifting Handle

Metal lifting handle, comfortable grip, convenient for users to take.

External Input Port

Passive switch signal, such as foot pedal switch; Active switch signal: 5V 12V 24V for option.



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304 stainless steelhousing

304 stainless steel housing, can realize external control in various industrial situation.



YZ35(Aluminum Alloy)



YZ35(PPS)

Product Composition and Flow Rate Range

Drive	Motor Type	Pump Head	Tubing Size	Speed range(rpm)	Flow rate(mL/min)
F6-12L	Servo Motor	YZ35	26#, 73#, 82#	1~600	6.9~12000

Filling Volume Reference Parameter(Media is water)

Drive	Pump Head	Tubing	Filling Volume (mL)	Filling Time(s)	Filling Accuracy (±%)	Output (pcs/min)	Motor speed (rpm)
F6-12L	YZ35	26#	150	3	0.5	15	423.254
		73#	300	3	0.5	15	457.805
		82#	500	3	0.5	15	458.451

Flow rate range	6.9~12000mL/min
Speed range	1-600 rpm
Speed resolution	0.01rpm
Dispensing volume range	0.01-9999.99 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°
Outlet pressure	0.3 Mpa
Dispensing accuracy	<±0.5%
Motor type	Servo 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: 5V, 12V and 24V for option
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)	302×222×275mm
Drive weight	13.14kg
Power consumption	<300W
Condition temperature	0-40℃
Relative humidity	<80%
IP rate	IP31

External Control Schematic Diagram



Installation Sizes Drawing(Unit: mm)

