



# Flow Rate Peristaltic Pump

Model NO. : F6-12L

Flow Rate : 0.69-12000mL/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



YZ35 (PPS)



YZ35 (Aluminum Alloy)

Drive	Motor Type	Pump Head	Tubing Size	Speed Range(rpm)	Flow Rate(mL/min)
F6-12L	Closed-loop stepper motor	YZ35	26#, 73#, 82#	0.1-600	0.69~12000

## Screen Display

Display area for dispensing volume

Display area for setting parameter

Display area for dynamic working

Display area for running parameter

Function setting area changeable by touching

Volume dispensing interface

Speed dispensing interface

Repeat numbers interface

Volume dispensing interface

Speed dispensing interface

Repeat numbers interface



## Technical Specifications

Flow rate range	0.69~12000 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	302×222×331mm
Drive weight	13.14kg
Power consumption	<300W
Condition temperature	0-40°C
Relative humidity	<80%

## Dimension Drawing(Unit: mm)

