



Flow Rate Peristaltic Pump

Model NO. : F6-3L

Flow Rate : 0.211-3600mL/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



DZ25-3L(PPS)



DZ25-3L(Aluminium Alloy)

Drive	Motor Type	Pump Head	Tubing Size	Speed Range(rpm)	Flow Rate(mL/min)
F6-3L	Closed-loop stepper motor	DZ25-3L	15#, 24#, 35#, 36#	0.1-600	0.211~3600

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 function turned on, flow rate is 550.00ml/min, Finish the volume need 3.57 minutes.

Fixed Volume Measurement Setting Interface

Fixed time and volume function is turned on, flow rate is 600ml/min, speed is 352.94rpm.

Fixed Time and Volume Setting Interface

Time Start and Stop Setting Interface





Technical Specifications

Flow rate range	0.211~3600 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)

