

Dispensing Peristaltic Pump

Model No. : LabF6-III

Flow Rate : 0.0053-3100mL/min



Single Channel



Dual Channel

Product Features

- Imported 4.3" industrial grade color LCD screen display, with touch screen control.
- Can preset dispensing volume, dispensing time, pause time and copy numbers.
- With intelligent calibration function and online micro adjusting function.
- The pump can store 60 commonly used filling modes.
- Back suction angle setting, avoid liquid drop off when the pump stops working.
- Two working mode: Volume dispensing and speed dispensing (special for viscous liquid)
- Can communicate with balance, closed-loop control.

Screen Display

Disp. Vol.	12.00 ml
Disp. Time	22.00 s
Pause Time	5.00 s
Copy CNT	1/2

Volume dispensing interface

Speed dispensing interface

Repeat numbers interface

Pump Head



EasyPump Series (Pressure Adjustable)



EasyPump Series (Fixed Pressure)



EasyPump-PPS Series (Pressure Adjustable)



EasyPump-PPS Series (Fixed Pressure)

Pump Head & Flow Rate

Pump Head	Single/Dual Channel	Tubing Wall Thickness(mm)	Pressure Adjustable
EasyPump I	Single Channel	1.6	No
EasyPump II	Single Channel	2.4	No
EasyPump V	Dual Channel	1.6	No

Pump Head	Single/Dual Channel	Tubing Wall Thickness(mm)	Pressure Adjustable
EasyPump III	Single Channel	1.6	Adjustable
EasyPump IV	Single Channel	2.4	Adjustable
EasyPump VI	Dual Channel	1.6	Adjustable



Pump Head	Tubing	ID×Wall thickness(mm)	mL / r	Flow Rate(mL/min) (LabF6-III, 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	0.093~560	0.24	0.14	
	25#	4.8×1.6	1.967	0.197~1180			
	17#	6.4×1.6	3.333	0.333~2000	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	0.273~1640	0.24	0.14	
	35#	7.9×2.4	3.833	0.383~2300			
	36#	9.6×2.4	5.167	0.517~3100			
Dual Channel EasyPump V/VI	13#	0.8×1.6	0.0053	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	0.093~560	0.24	0.14	
	25#	4.8×1.6	1.967	0.197~1180			

Technical Specifications

Flow rate range	0.0053-3100mL/min	Keypad lifetime	300,000 times
Speed range	0.1-600rpm	Start/stop, direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5-24V universal
Speed resolution	0.01rpm		
Dispensing volume range	0.1-9999.99mL	Output interface	Output motor working status (Open-Collector output)
Dispensing volume resolution	0.01mL		
Dispensing time	0.1-9999.99S	Communication interface	RS232, RS485 Modbus protocol (RTU mode)
Pause time	0.1-9999.99S		
Time resolution	0.01s	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Copy numbers	1-9999 times, setting '0' means unlimited		
Back suction angle	0-360°	Drive dimension (L×W×H)	259×157×237 mm
Dispensing accuracy	< +0.5%	Drive weight	4.40 kg
Motor type	Closed-loop stepper motor	Power consumption	< 80W
Display	Industrial grade 4.3" color LCD display	Condition temperature	0-40°C
Control method	Touch screen and Mechanical keypad	Relative humidity	< 80%

Dimension Drawing (Unit:mm)

