

Basic Peristaltic Pump

Model No: LabN1

Flow Rate: 0.0002-645mL/min



Product Features

- Friendly interface, 3.2 inch big screen LCD display working parameters in real time.
- Super silent drive setting, precise control, low vibration and low noise.
- Timing function, the time range is 0. 1s - 9999 hours, can be used for simple dispensing function.
- Streamlined body design, with ABS Engineering Plastic Shell and add UV Spray Coating.
- Power down memory function, store parameters in time, safe and reliable. Strong anti-jamming featurewide voltage design, suitable for complex power supply environment.
- Multiple Dispensing Function.

Control Panel



■ Pump Head & Flow Rate



EasyPump Series



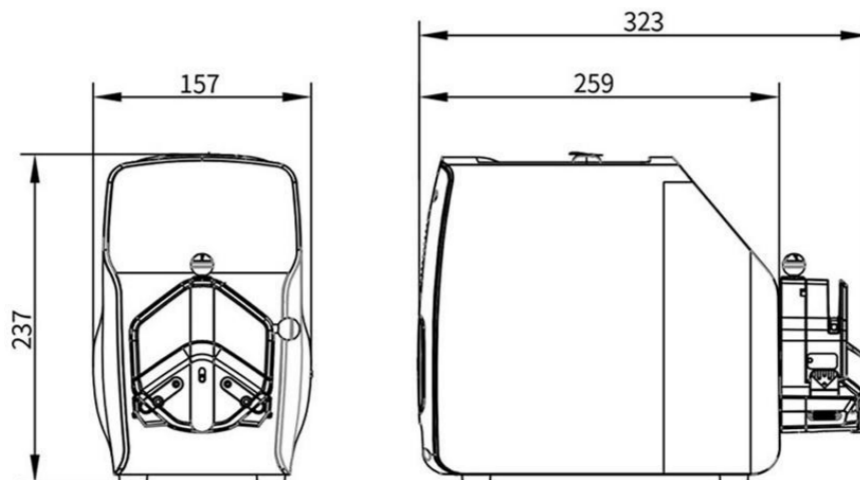
YZ Series



YZ Series

Pump head	Tubing Size	Speed	Flow rate(mL/min)
EasyPumpI/III	13#,14#,19#,16#.25#,17#,18#	0.1-150rpm	0.0053-645
EasyPumpII/IV	15#,24#		0.18-410
EasyPumpV/VI	13#,14#,19#,16#,25#		0.0053-295
2*EasyPumpI/III	13#,14#,19#,16#,25#		0.0053-295
2*EasyPumpII/IV	15#		0.18-270
2*EasyPumpV/VI	13#,14#,19#,16#		0.0053-140
AMC1-AMC12(10)	ID:0.13-3mm,Wall thickness:0.8-1mm		0.0002-48(suggestion working speed≤150rpm)
AMC1-AMC12(6)	ID:0.13-3mm,Wall thickness:0.8-1mm		0.0002-65(suggestion working speed≤150rpm)
YZ1515x	13#,14#,19#,16#,25#,17#,18#		0.007-570
YZ2515x	15#,24#		0.17-435

■ Dimension Drawing (Unit:mm)



■ Technical Specifications

Flow rate range	0.0002-645mL/min
Speed resolution	0.1rpm
Back suction angle	0-360°
Testing time range	0.1s-9999h
Dispensing time	0.1s-9999h
Pause time	0.1s-9999h
Repeat number	1-9999 times, setting"0" as infinite/continuous dispensing
Display	3.2" color LCD screen display
Motor type	Closed-loop stepper motor
Control system	Mechanical keypad+Rotary encoded switch
Keypad lifetime	300,000 times
External control speed signal	0-5V,0-10V,4-20mA for option
Start/stop.direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V
Communication interface	RS232, RS485 support Modbus protocol(RTU mode)
Output interface	Output motor working status (Open-Collector output)
Power supply	AC 220V $\pm$ 10%, 50Hz/60Hz(standard), AC 110V $\pm$ 10%, 50Hz/60Hz (optional)
Drive dimension	259x157x237mm(LxWxH)
Drive weight	4.40kg
Power consumption	< 80W
Environment temperature	0-40°C
Relative humidity	<80%