



Basic Peristaltic Pump

Model No. : LabM1

Flow Rate : 0.0002-570mL/min



Product Features

3 digital LED display motor speed, mechanical keypad control.

Timing function, the time range of 0.5 seconds -999 seconds can be used as a simple dispensing.

Support RS232 and RS485 communication, Modbus protocol.

Screen Display



**Pump Head**

AMC Series



YZ Series

Drive&Speed	Pump Head	Tubing Size	Flow Rate(mL/min)
LabM1 0.1-150rpm	AMC1-AMC12(10)	Inner diameter:0.13~3mm Wall thickness: 0.8~1mm	0.0002-48(suggestion working speeds≤150rpm)
	AMC1-AMC12(6)		0.0002-65(suggestion working speeds≤150rpm)
	YZ1515x	13#, 14#, 19#, 16#, 25#, 17#, 18#	0.007-570
	YZ2515x	15#, 24#	0.17-435

Technical Specifications

Flow rate range	0.0002~570 mL/min	Start/stop, direction signal	Passive switch signal, such as foot pedal; Active switch signal: 5V-24V universal
Speed range	0.1-150rpm		
Speed resolution	0.1rpm when the speed is 0-100rpm,	Communication interface	RS232, RS485 support MODBUS protocol (RTU mode)
	1rpm when the speed is 100-600rpm.		
Testing time range	0.5 s-999s	Power supply	AC 220V $\pm$ 10% 50Hz/60Hz (standard) AC 110V $\pm$ 10% 50Hz/60Hz (optional)
Motor type	Closed-loop stepper motor		
Display	3 digital LED	Drive dimension(L $\times$ W $\times$ H)	261.4 $\times$ 157.3 $\times$ 236.9 mm
Control method	Mechanical keypad	Drive weight	4.40 kg
Keypad lifetime	300,000 times	Power consumption	<80W
External speed control signal	0-5V, 4-20mA, 0-10V	Condition temperature	0-40°C
		Relative humidity	<80%

Dimension Drawing (Unit:mm)

