

Basic Peristaltic Pump

Model No. : LabN1

Flow Rate : 0.0002-570mL/min



Product Features

3.2" color LCD screen display.

Flow rate and motor speed display in same screen.

Timing function, time range 0.1s-9999 hours, can be used for simple dispensing function.

Screen Display



Pump Head



AMC Series



YZ Series

Drive&Speed	Pump Head	Tubing Size	Flow Rate(mL/min)
LabN1 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	Communication interface	RS232, RS485 support MODBUS protocol (RTU mode)
Speed range	0.1-150rpm		
Speed resolution	0.1rpm	Output interface	Output motor working status (Open-Collector output)
Back suction angle	0-360°		
Testing time range	0.1 s-9999 h	Power supply	AC 220V $\pm$ 10% 50Hz/60Hz (standard)
Motor type	Stepper motor		AC 110V $\pm$ 10% 50Hz/60Hz (optional)
Display	3.2" high definition LCD screen	Drive dimension (L $\times$ W $\times$ H)	259 $\times$ 157 $\times$ 237 mm
Control method	Digital knob and Mechanical keypad		
Keypad lifetime	300,000 times	Drive weight	4.40 kg
External speed control signal	0-5V, 0-10V, 4-20mA for option	Power consumption	<80W
Start/stop, reversing signal	Passive switch signal, such as foot pedal; Active switch signal: 5V-24V universal	Condition temperature	0-40°C
		Relative humidity	<80%

Dimension Drawing (Unit:mm)

