

## Flow Rates Peristaltic Pump

## Suitable Pump Head



LabN1

3 years warranty



YZ1515x



YZ2515x



MC Series

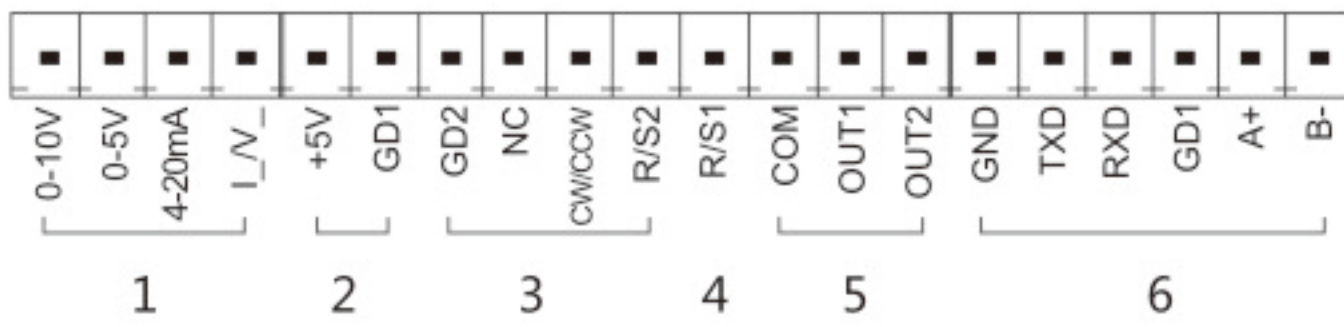


DG Series

### Model Number

LabN1

### LabN Series External Control Schematic Diagram



### 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.

### Typical Application

- Special for university laboratory and research institute.
- Ion chromatography and titrator
- Pilot scale and industry production



LabN Series Interface and Keypad





### Technical Specifications

Flow rate range	0.000166~570 mL/min	Start/stop, reversing signal	Passive switch signal, such as foot pedal Active switch signal: 5V,12V,24V for option
Speed resolution	0.1rpm	Communication interface	RS232, RS485 support Modbus protocol(RTU mode)
Back suction angle	0-360°	Output interface	Output motor working status (Open-Collector output)
Testing time range	0.1 s-9999 h	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Outlet pressure	0.8~1.0 mm wall thickness tubing: 0.1Mpa; 1.6~2.4mm wall thickness tubing: 0.1~0.27Mpa	Drive dimension	261.4×157.3×236.9mm
Display	3.2" high definition LCD screen	Drive weight	4.40 kg
Control method	Knob speed and Mechanical keypad	Power consumption	< 50W
<b>Keypad lifetime</b>	<b>300,000 times</b>	Condition temperature	0-40°C
External speed control signal	0-5V, 0-10V, 4-20mA for option	IP rate	IP31
Relative humidity	< 80%		

### Product Composition and Flow Rate Range

Standard Peristaltic Pump		Pump Head & Flow Rate (mL/min)			
		YZ1515x	YZ2515x	MC1~MC12(10)	MC1~MC12(6)
Drive & speed	Tubing	13#, 14#, 19#, 16#, 25#, 17#, 18#	15#, 24#	Inner diameter: 0.13-3.17mm Wall thickness: 0.8-1mm	
LabN1	0.1-150rpm	0.007~570	0.17~435	0.000166-49(suggestion working speed≤150rpm)	0.000185-65(suggestion working speed≤150rpm)

### Application

