

Flow Rates Peristaltic Pump

LabN1, LabN3, LabN6

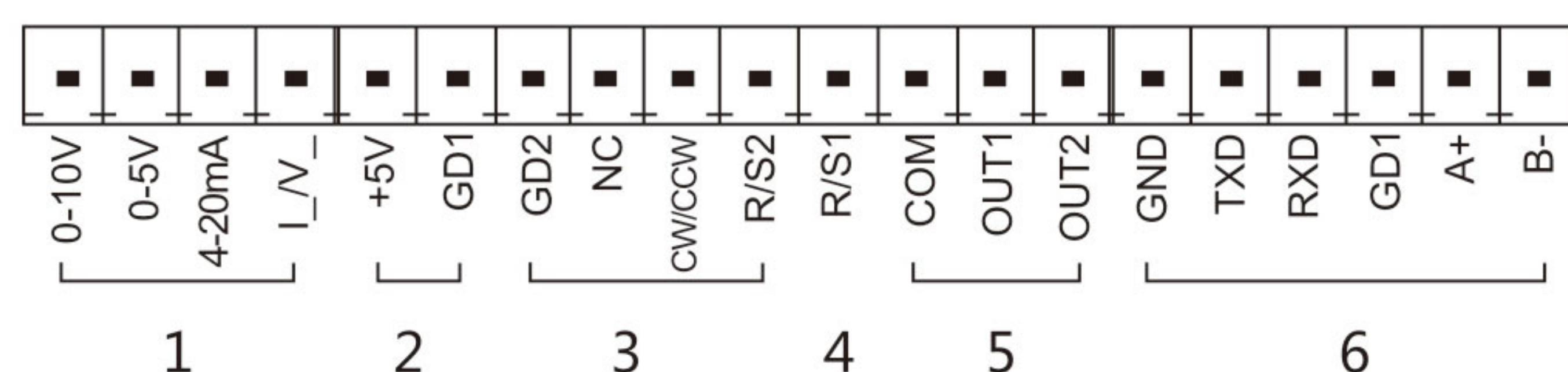
3 years warranty



Model Number

| LabN1, LabN3, LabN6

LabN Series External Control Schematic Diagram



Suitable Pump Head



YZ1515x



YZ2515X



AMC Series



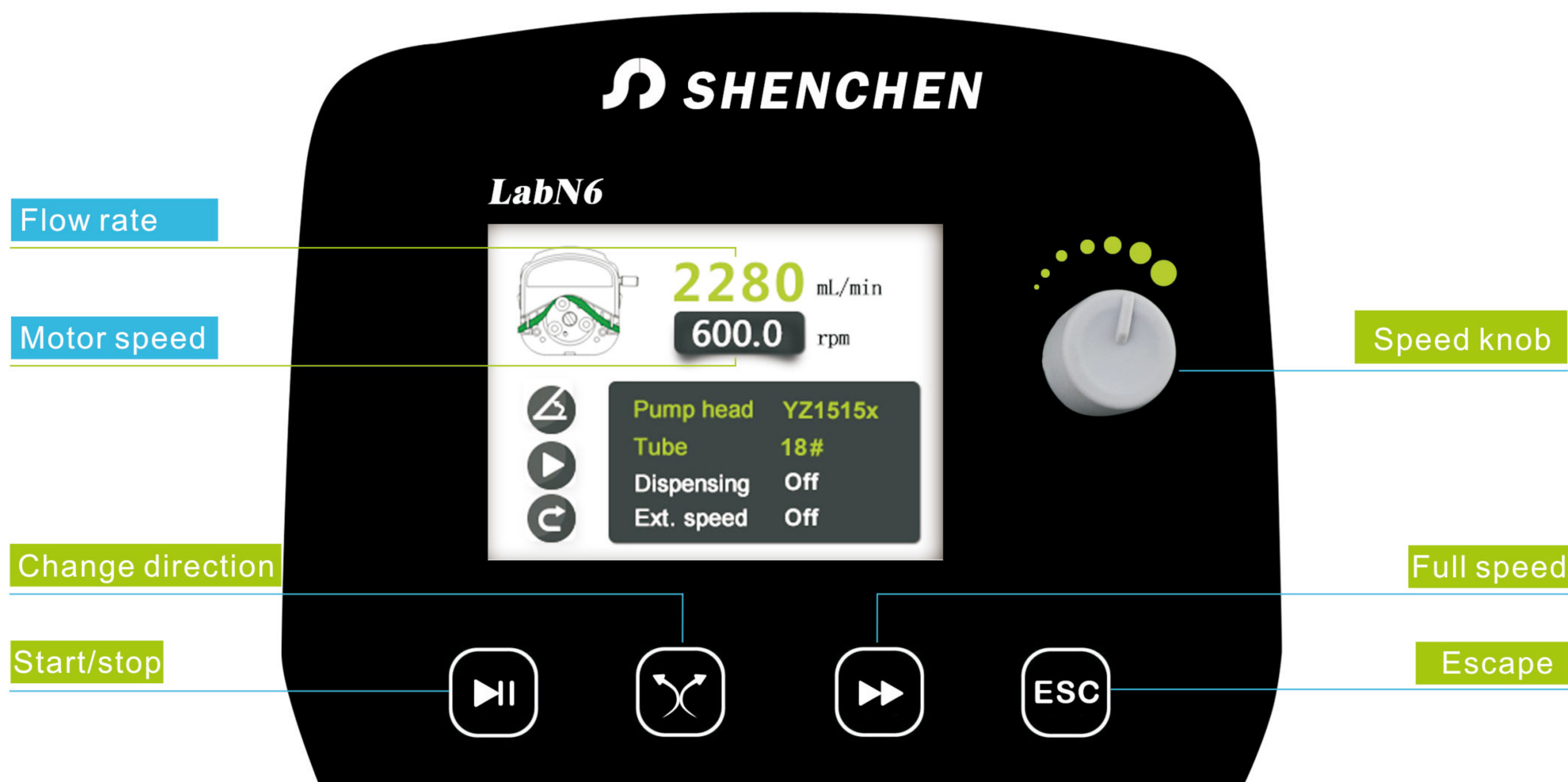
MC Series

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	LabN1: 0.000166~570 mL/min	Start/stop, reversing signal	Passive switch signal, such as foot pedal
	LabN3: 0.000166~1330 mL/min		Active switch signal: 5V,12V,24V for option
	LabN6: 0.000166~2280 mL/min	Communication interface	RS232, RS485 support Modbus protocol(RTU mode)
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±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		
Display	3.2" high definition LCD screen	Drive dimension	261.4×157.3×236.9mm
Control method	Knob speed and Mechanical keypad	Drive weight	4.40 kg
Keypad lifetime	300,000 times	Power consumption	< 50W
External speed control signal	0-5V, 0-10V, 4-20mA for option	Condition temperature	0-40°C
Relative humidity	< 80%	IP rate	IP31

Product Composition and Flow Rate Range					
Flow Rates Peristaltic Pump		Pump Head & Flow Rate (mL/min)			
		YZ1515x	YZ2515x	MC1~MC12(10)	MC1~MC12(6)
Drive&speed	Tubing	13 [#] , 14 [#] , 19 [#] , 16 [#]	15 [#] , 24 [#]	Inner diameter: 0.13-3mm Wall thickness: 0.8-1mm	
		25 [#] , 17 [#] , 18 [#]			
LabN1	0.1-150 rpm	0.007~570	0.17~435	0.000166-49(working speed≤150rpm)	0.000185-65(working speed≤150rpm)
LabN3	0.1-350 rpm	0.007~1330	0.17~1015		
LabN6	0.1-600 rpm	0.007~2280	0.17~1740		
Drive&speed	Tubing	AMC1-AMC12(6)		AMC1-AMC12(10)	
		Inner diameter: 0.13-3mm Wall thickness: 0.8-1mm			
LabN1	0.1-150 rpm	0.0002-48(working speed≤150rpm)		0.0002-65(working speed≤150rpm)	
LabN3	0.1-350 rpm				
LabN6	0.1-600 rpm				

Application

