

Flow Rates Peristaltic Pump

Suitable Pump Head

LabN1, LabN3, LabN6

3 years warranty



New Generation Easy Load Type Pump Head



YZ Series



New Generation Multichannel Type Pump Head

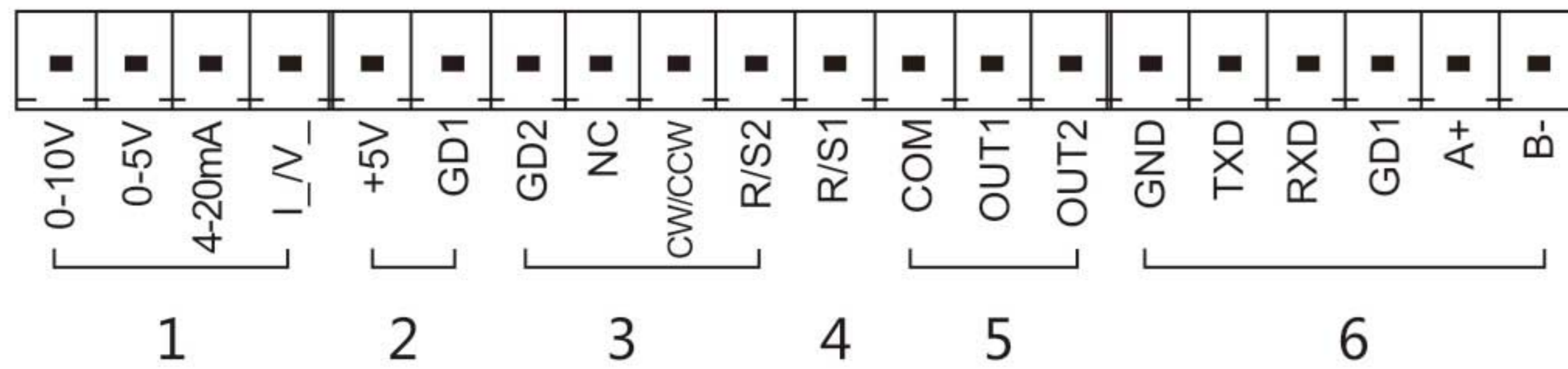


MC Series

Model Number

LabN1, LabN3, LabN6

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

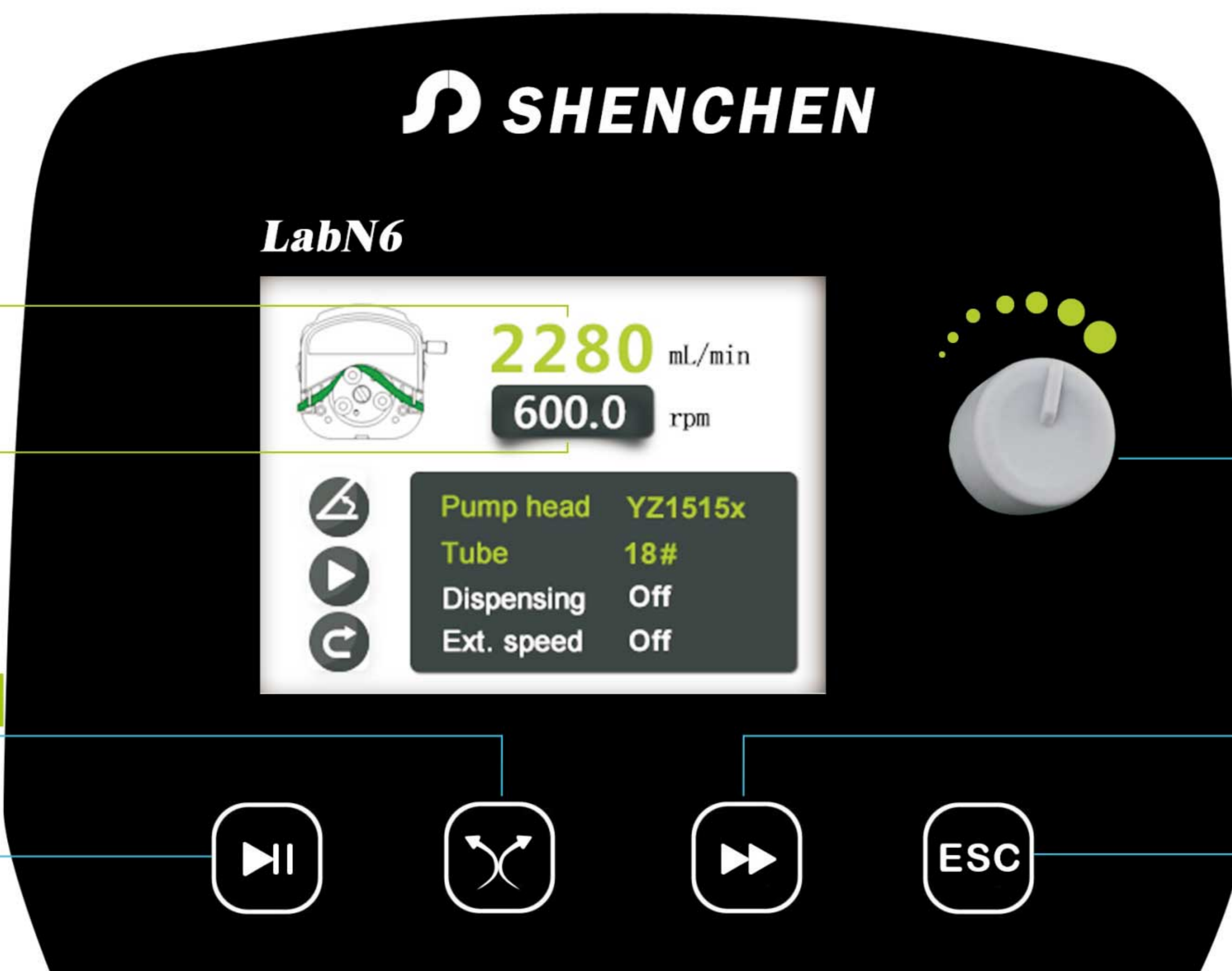
- | Special for university laboratory and research institute.
- | Ion chromatography and titrator
- | Pilot scale and industry production

Flow rate

Motor speed

Change direction

Start/stop



Speed knob

Full speed

Escape

LabN Series Interface and Keypad



Technical Specifications

Flow rate range	LabN1: 0.000166~775 mL/min	Start/stop, reversing signal	Passive switch signal, such as foot pedal Active switch signal: 5V,12V,24V for option
	LabN3: 0.000166~1808 mL/min		
	LabN6: 0.000166~3100 mL/min		
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		
Outlet pressure	0.8~1.0 mm wall thickness tubing: 0.1Mpa;	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
	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# 25#, 17#, 18#	15#, 24#	Inner diameter: 0.13-3.17mm Wall thickness: 0.8-1mm	
	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	New Generation Easy Load Type Pump Head		New Generation Multichannel Type Pump Head	
		EasyPump (1.60 mm wall thickness)	EasyPump (2.40 mm wall thickness)	8 rollers	
Drive&speed	Tubing	13#, 14#, 19#, 16# 25#, 17#, 18#	15#, 24#, 35#, 36#	Inner diameter: 0.13-3.17mm Wall thickness: 0.8-1mm	
		LabN1 0.1-150 rpm	0.0053~645	0.18~775	0.0002-52(working speed≤150rpm)
LabN3 0.1-350 rpm	0.0053~1505	0.18~1808			
LabN6 0.1-600 rpm	0.0053~2580	0.18~3100			

Application

