

Flow Rates Peristaltic Pump

Suitable Pump Head

FLUX1, FLUX2, FLUX3



New Generation Easy Load Type Pump Head



YZ Series



New Generation Multichannel Type Pump Head

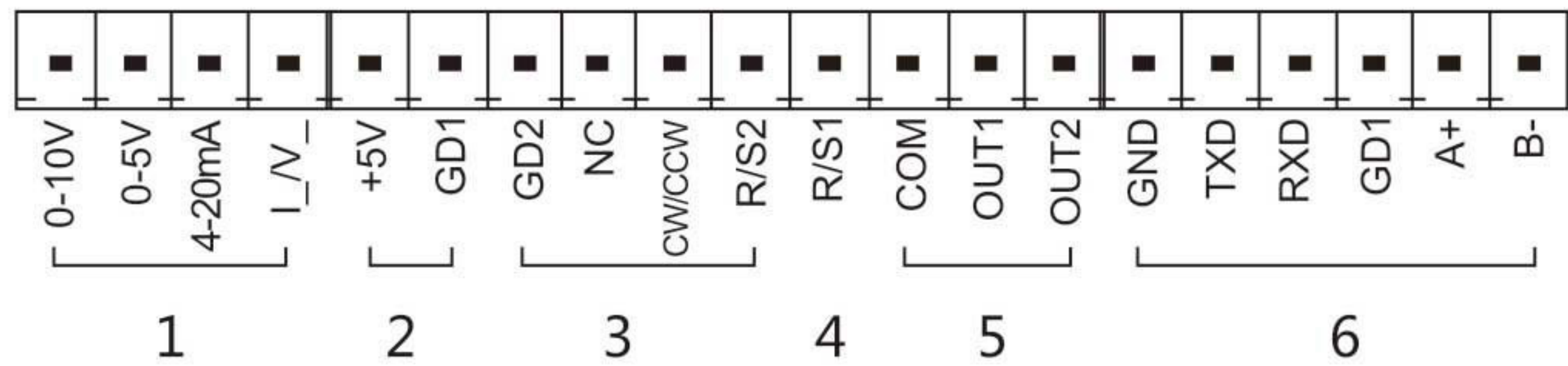


MC Series

Model Number

FLUX1, FLUX2, FLUX3

FLUX 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

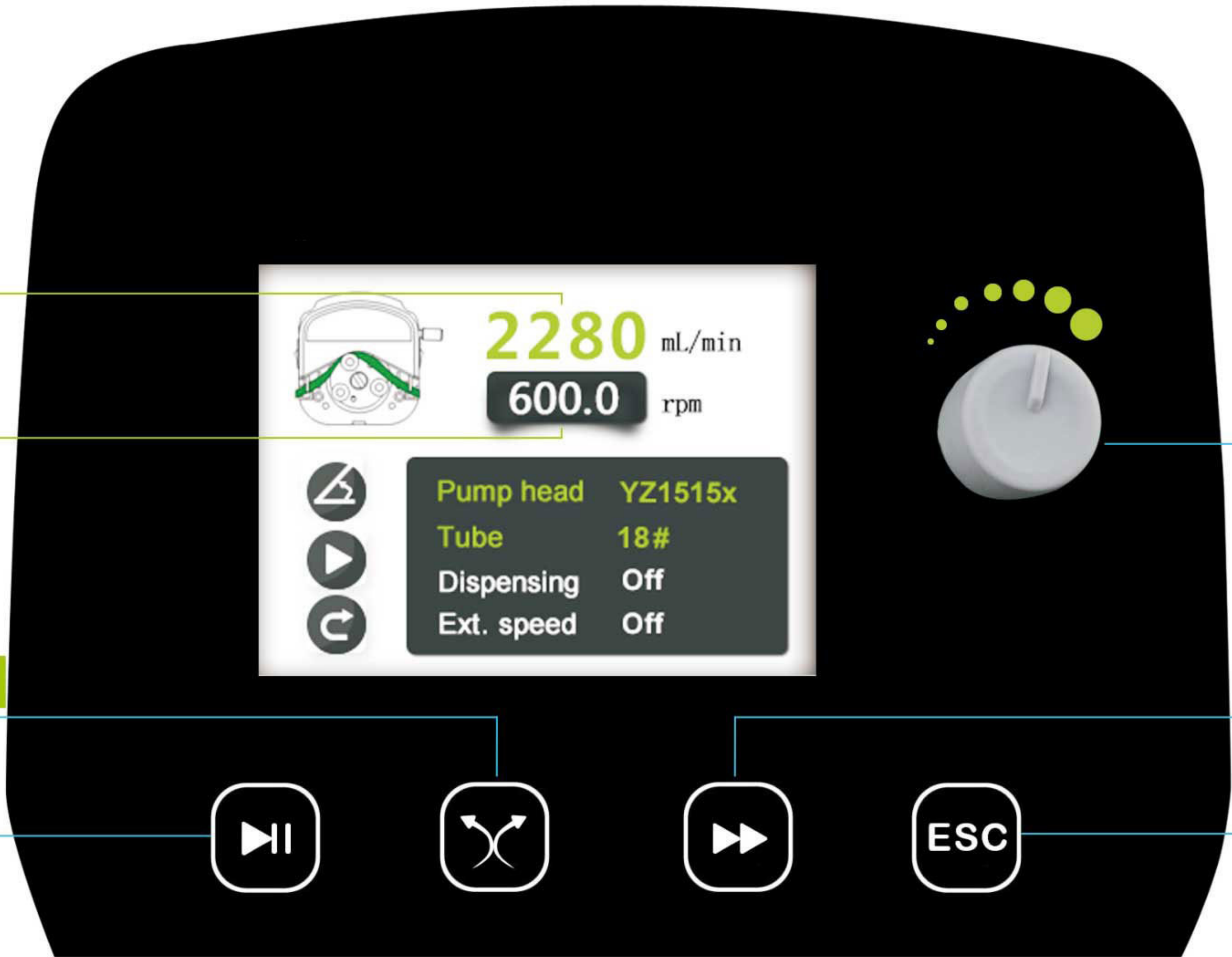
Change direction

Start/stop

Speed knob

Full speed

Escape



FLUX Series Interface and Keypad

Technical Specifications			
Flow rate range	FLUX1 : 0.000166~775 mL/min	Start/stop, reversing signal	Passive switch signal, such as foot pedal
	FLUX2 : 0.000166~1808 mL/min		Active switch signal: 5V,12V,24V for option
	FLUX3 : 0.000166~3100 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		13 [#] , 14 [#] , 19 [#] , 16 [#]	15 [#] , 24 [#]	Inner diameter: 0.13-3.17mm Wall thickness: 0.8-1mm	
		25 [#] , 17 [#] , 18 [#]			
FLUX1	0.1-150 rpm	0.007~570	0.17~435	0.000166-49(working speed≤150rpm)	0.000185-65(working speed≤150rpm)
FLUX2	0.1-350 rpm	0.007~1330	0.17~1015		
FLUX3	0.1-600 rpm	0.007~2280	0.17~1740		
Drive&speed		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	
		13 [#] , 14 [#] , 19 [#] , 16 [#]	15 [#] , 24 [#] , 35 [#] , 36 [#]	Inner diameter: 0.13-3.17mm Wall thickness: 0.8-1mm	
		25 [#] , 17 [#] , 18 [#]			
FLUX1	0.1-150 rpm	0.0053~645	0.18~775	0.0002-52(working speed≤150rpm)	
FLUX2	0.1-350 rpm	0.0053~1505	0.18~1808		
FLUX3	0.1-600 rpm	0.0053~2580	0.18~3100		

Application

