



## Basic Peristaltic Pump

**Model No.:** BT100N

**Flow Rate:** 0.0002-645mL/min



### Product Introduction

Plastic coated metal housing, compact structure.

Timing function, time range 0.5s-999s, can be used for simple dispense.

RS232, RS485 Communication Interface.

Support Shenchen communication protocol or standard Modbus communication protocol(RTU mode).

## Pump Head



EasyPump Pump Head

EasyPump-PPS Pump Head

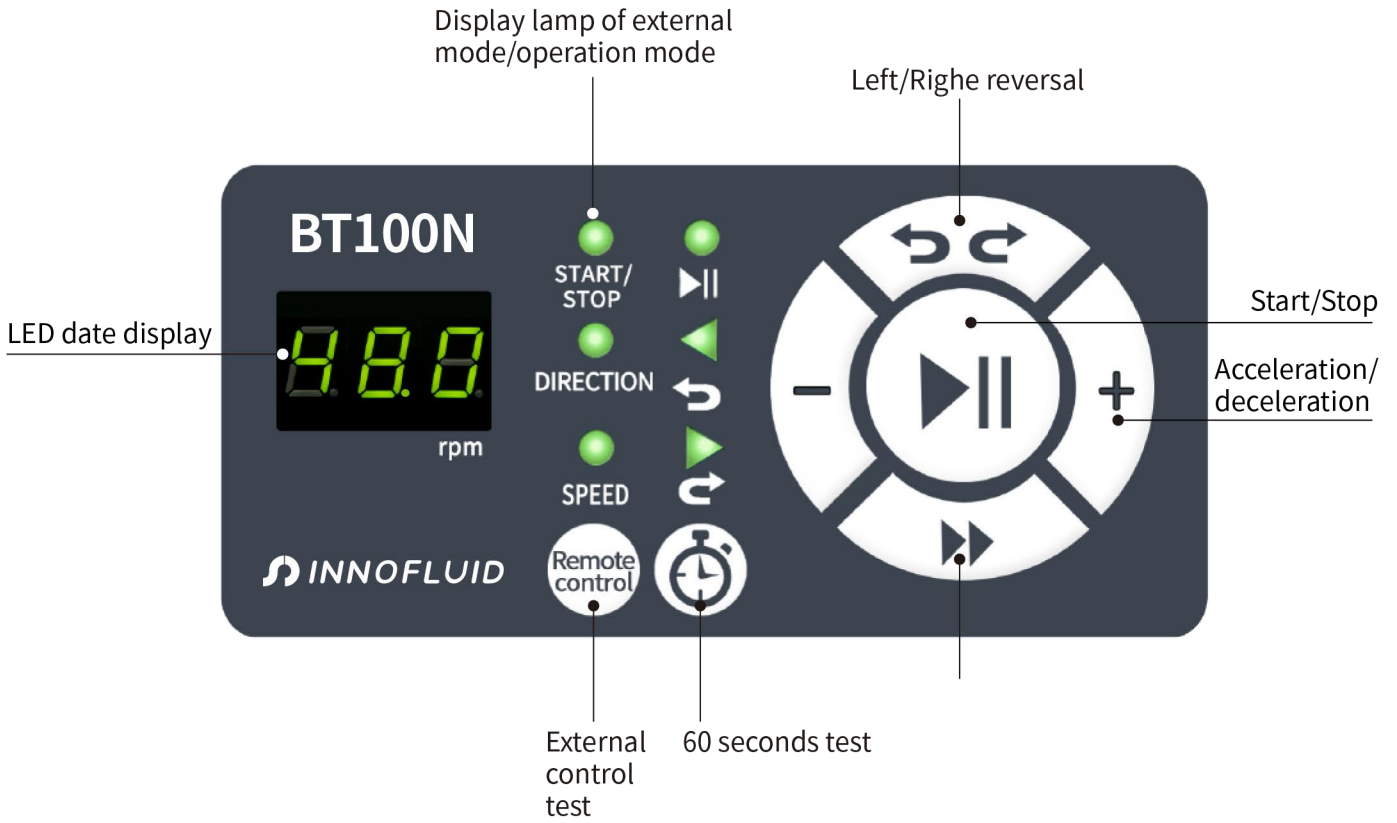
AMC Pump Head

YZ Pump Head

Drive&Speed	Pump Head	Tubing Size	Flow Rate(mL/min)
BT100N 0.1-150rpm	EasyPumpI/III	13#, 14#, 19#, 16#, 25#, 17#, 18#	0.0053-645
	EasyPumpII/IV	15#, 24#	0.18-410
	EasyPumpV/VI	13#, 14#, 19#, 16#, 25#	0.0053-295
	2*EasyPumpI/III	13#, 14#, 19#, 16#, 25#	0.0053-295
	2*EasyPumpII/IV	15#	0.18-270
	2*EasyPumpV/VI	13#, 14#, 19#, 16#	0.0053-140
	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



■ Screen Display





## Technical Specifications

Flow rate	0.0002~645 mL/min
Speed range	0.1-150rpm
Speed resolution	0-100rpm, 0.1rpm; 100-600rpm, 1rpm
Testing time range	0.5 s-999 s
Display	LED Display
Control method	Mechanical keypad
Keypad lifetime	300,000 times
External speed control signal	0-5V, 4-20mA, 0-10V for option
Start/stop, reversing signal	Passive switch signal, such as foot pedal; Active switch signal: 5V-24V
Communication interface	RS232, RS458 communication Modbus protocol(RTU mode)
Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Drive dimension	188×131×194mm
Drive weight	4.20 kg
Power consumption	<50W
Condition temperature	0-40°C
Relative humidity	<80%

## Dimension Drawing(Unit: mm)

