

Basic Peristaltic Pump

BT100M 



Features

- | 3 digital LED display motor speed.
- | Toggle switch control start/stop and direction.
- | Rotary encoded switch control speed, easy operation.
- | Economical and durable, suitable for different industrial application.

Model Number

- | BT100M

Typical Application

- | Add cement grinding aids
- | Support industrial production line

Technical Specifications

Flow rate range	0.00166~570 mL/min	Start/stop, direction signal	TTL level signal
Speed resolution	0.1rpm when the speed is 0-100rpm,	Communication interface	RS485(optional),Modbus protocol(RTU mode)
	1rpm when the speed is 100-600rpm.	Power supply	AC 220V±10%, 50Hz/60Hz (standard)
Outlet pressure	0.1Mpa (0.8-1.0mm wall thickness tubing)	Drive dimension (L×W×H)	234×144×140mm
	0.1-0.27Mpa (1.6-2.4mm wall thickness tubing)		
Back suction angle	0-360°(optional)	Drive weight	3.6kg
Display	3 digital LED	Power consumption	< 50W
Control method	Toggle switch+Rotary encoded switch	Condition temperature	0-40°C
Keypad lifetime	300,000 times	Relative humidity	< 80%
External speed control signal	0-5V(standard), 0-10V, 4-20mA(optional)	IP rate	IP31

Product Composition and Flow Rate Range

Basic 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	
	BT100M	1-150rpm	0.07~570	1.7~435	0.00166~49(suggestion working speed≤150rpm)

