

Standard Peristaltic Pump

Product Introduction

Standard peristaltic pump is the first choice for laboratory applications, and also usually used together with analytical instrument. With the excellent performance-price ratio, the pump gets approval from customers.

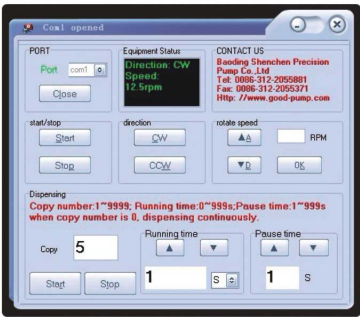
Load various pump heads:

YZ1515x, YZ2515x Pump Head ; MC Series Multichannel Pump Head (MC1~MC12); DG Series Multichannel Pump Head (DG-1~DG-12); SN25 Standard Pump Head; DZ25-3L fast load pump head.



Model Number

• BT100N • BT300N • BT600N

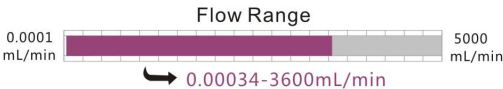


RS232, RS485 Communication Interface:

Support Shencheng communication protocol or standard Modbus communication protocol (RTU Mode).

RS232/RS485 Debugging software:

The peristaltic pump can connect with PC through serial ports, to control start/stop, direction and speed; also can control the dispensing and filling function. According with remote control needs, it can feedback the working status in time.



Typical Application

- Special application for the laboratory of university research institute.
- Support chromatograph and titration apparatus.
- Pilot scale and industry production.

Technical Specifications

Standard Peristaltic Pump		Pump head & Flow rates (mL/min)							
		YZ1515x	YZ2515x	MC1~MC12 (10)	MC1~MC12 (6)	DZ25-3L	SN25	SN15-14	SN15-16
Tubing Drive & speed(rpm)		13", 14", 19", 16" 25", 17", 18"	15", 24"	Inner diameter: 0.13~3.17mm Wall thickness: 0.8~1mm		15", 24" 35", 36"	24"	14"	16"
BT100N	0.5~150rpm	0.035~570	0.085~435	0.00034~32 (suggest working rotating speed≤150rpm)	0.00042~45 (suggest working rotating speed≤150rpm)	1.05 ~ 900	0.2~375	0.12 ~ 36	0.44 ~ 132
BT300N	0.5~350rpm	0.035~1330	0.085~1015			1.05 ~ 2100	0.2~875	0.12 ~ 84	0.44 ~ 308
BT600N	0.5~600rpm	0.035~2280	0.085~1740			1.05 ~ 3600	0.2~1500	0.12 ~ 144	0.44 ~ 528
Speed resolution		Rotation direction	Speed control		Display	External control			
0.1rpm		CW/CCW	Lightly touch membrane keypad for adjusting speed or full speed		3 digit LED displays current rotating speed	Start/Stop and CW/CCW: TTL level. Speed control: 0~5V/0~10V/4~20mA. RS232, RS485 serial communication control Start/Stop, CW/CCW and speed			
Power supply		Power consumption	Operating condition	Model number		Drive dimensions (L×W×H) and Weight		Protection rating	
AC 220V ± 10%, 50Hz/60Hz(standard)		<45w	Temperature 0 to 40 °C; Relative humidity < 80%	BT100N,BT300N		180 × 130 × 190mm		4.02kg	
AC 110V ± 10%, 50Hz/60Hz(optional)				BT600N		210 × 130 × 190mm		4.94kg	