

Speed Variable Peristaltic Pump | B-Series

MP100B | MP300B | MP600B (304 Stainless Steel Housing)

All models provide essential controls like start/stop, forward/reverse, speed adjustment, delay start/stop, and state memory to resume after power loss. An intuitive LCD interface makes setting parameters straightforward. Advanced RS 485 communication via MODBUS enables seamless integration with external control systems. The stainless-steel chassis offers excellent chemical resistance and easy cleaning, making it ideal for pharmaceutical, biotech and aqueous or solvent-based processes. Anti-drop or back-suction features help prevent dripping, while multi-segment/time-based dispensing modes allow precise programming of complex workflows. These models strike a balance of performance, reliability and hygiene in demanding lab or production environments

MP100B

Flow Rate : 0.00011-750 ml/min
 Speed Rate : 0.1~150 RPM
 Driver Weight : 3.5kg
 Power Consumption : <40W

MP300B

Flow Rate : 0.005-1750 ml/min
 Speed Rate : 0.1~350 RPM
 Driver Weight : 4.3kg
 Power Consumption : <50W

MP600B

Flow Rate : 0.005-3000 ml/min
 Speed Rate : 0.1-600 RPM
 Driver Weight : 4.3kg
 Power Consumption : <60W



Quick Tube Change



Stainless Steel Rotors

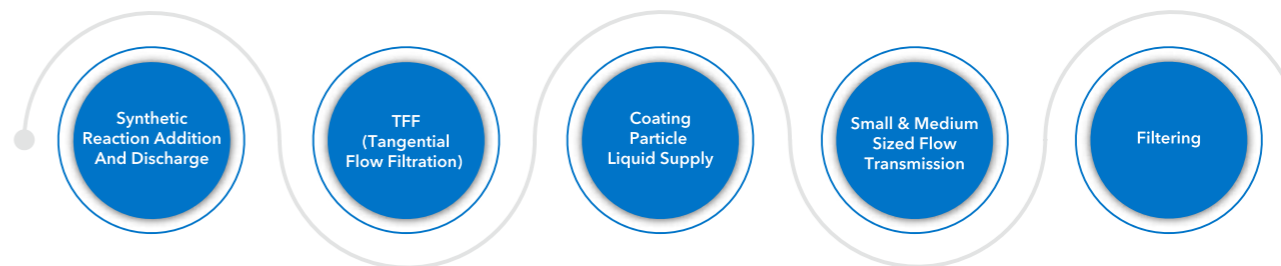


Moderate Pulsation

Technical Specifications:

Speed Resolution	0.1RPM (speed ≤ 100 RPM) / 1RPM (speed > 100RPM)
Speed Accuracy	<±0.5%
Duration	Running time 0.1~999 S/Min/H/D, Interval time 0.1~999 S/Min/H/D
Dispensing Interval Time	0.1~999.9 S/Min/H
Dispensing Time	1~999, "0" Infinite cycle
External Control Signal Input	(1) Start/Stop: passive contact, external control input level (5~24V) (2) Forward/Reverse: passive contact, external control input level (5~24V) (3) Speed Regulation: analog 0~5V, 0~10V, 4~20mA can be set
External Control signal output	(1) Start/Stop: Level Signal (following input voltage) (2) Forward/Reverse: Level Signal (following input voltage)
Working Environment	Temperature 0~40°C, relative humidity < 80%
IP Grade	IP31
Dimension (LxWxH)	261mm x 150mm x 237mm

Application Areas:



Ordering Information:

Model No.	Pump Head	Channel	Tubing Size	Flow rate per channel (ml/min)
MP100B	PH6-4	4	Wall 0.8 ~ 1 mm, ID ≤ 3.17 mm	0.00016 ~ 49
	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~641
	PH25	1,2	114# 116# 15# 24# 35# 36#	0.024~750
MP300B	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~1495
	PH15-24 (4 Rollers)	2	19# 16# 25# 17#	0.67~1307
	PH15-44 (4 Rollers)	4	19# 16# 25#	0.67~770
MP600B	PH25	1,2	114# 116# 15# 24# 35# 36#	0.024~1750
	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~2562
	PH15-24 (4 Rollers)	2	19# 16# 25# 17#	0.0067~2240
	PH25	1,2	114# 116# 15# 24# 35# 36#	0.024~3000