

Clever Flow Peristaltic Pump | C-Series

MP100C | MP300C | MP600C (304 Stainless Steel Housing)

The Clever Flow Peristaltic Pump is a high-precision liquid handling solution designed for applications that demand accuracy, consistency and adaptability. Built with advanced features like wizard-style flow calibration, it ensures precise volume delivery across a range of viscosities and fluid types. The pump is available in stainless steel housing, catering to diverse usage environments—from hygienic pharmaceutical and biotech labs to compact R&D or OEM setups. Equipped with temperature-controlled cooling, the Clever Flow series maintains stable performance even under thermally variable conditions, enhancing its operational reliability in long-duration or high-throughput workflows. Designed with connectivity and automation in mind, the Clever Flow pump supports RS 485 communication via MODBUS and offers Wi-Fi connectivity for remote monitoring and control through a companion app. With its heavy-duty stainless steel variants (~4.5kg, <60W), the Clever Flow series adapts to a wide variety of liquid handling needs. Whether integrated into automated systems or used as a standalone unit, it offers an ideal balance of performance, portability and precision.

MP100C
Flow Rate : 0.00011-750 ml/min
Speed Rate : 0.1~150 RPM
Driver Weight : 4.5 kg
Power Consumption : <40W

MP300C
Flow Rate : 0.005-1750 ml/min
Speed Rate : 0.1~350 RPM
Driver Weight : 4.5 kg
Power Consumption : <50W

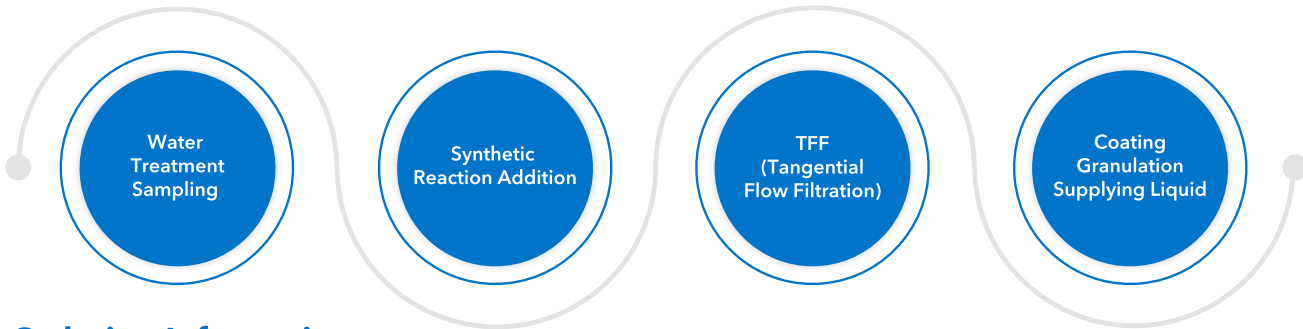
MP600C
Flow Rate : 0.005- 3000 ml/min
Speed Rate : 0.1~600 RPM
Driver Weight : 4.5 kg
Power Consumption : <60W



Technical Specifications:

Speed Resolution	0.1RPM
Speed Accuracy	<±0.2%
Duration	Start time: 0.1~999.9 S/Min/H Stop time: 0.1~999.9 S/Min/H
Dispensing Time	0.1~99.99 S/Min/H, time unit adjustable
Dispensing Number	1~999, 0 Infinite cycle
Dispensing Interval	0.1~999 S/Min/H
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) (3) Speed Status: Analogue 0~5V
Working Environment	Temperature 0~40°C, relative humidity<80%
Communication Interface	RS485 communication interface, MODBUS protocol is available
IP Grade	IP31
Dimension (L×W×H)	292mm x 160mm x 183mm

Application Areas:



Ordering Information:

Model No.	Pump Head	Channel	Tubing Size	Flow rate per channel (ml/min)
MP100C	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
MP300C	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~1495
	PH25	1	114# 116# 15# 24# 35# 36#	0.024~1750
	PH15-24 (4 Rollers)	2	19# 16# 25# 17#	0.67~1307
	PH15-44 (4 Rollers)	4	19# 16# 25#	0.67~770
MP600C	PH15T	1.2	13# 14# 19# 16# 25# 17# 18#	0.005~2562
	PH25	1.2	114# 116# 15# 24# 35# 36#	0.024~3000