

Clever Flow Peristaltic Pump | C-Series

MP110C | MP310C | MP610C (ABS Engineering Plastic Housing)

The Clever Flow Peristaltic Pump is 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 ABS plastic 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 lightweight and energy-efficient ABS models (3.6-3.9kg, <50W), the Clever Flow series adapts to a wide variety of liquid handling needs. Whether ntegrated into automated systems or used as a standalone unit, it offers an ideal balance of performance, portability and precision.

MP110C
Flow Rate : 0.00011-750 ml/min
Speed Rate : 0.1~150 RPM
Driver Weight : 3.6 kg
Power Consumption : <30W

MP310C
Flow Rate : 0.005-1750 ml/min
Speed Rate : 0.1~350 RPM
Driver Weight : 3.9kg
Power Consumption : <40W

MP610C
Flow Rate : 0.005- 3000 ml/min
Speed Rate : 0.1~600 RPM
Driver Weight : 3.9kg
Power Consumption : <50W



Quick Tube Change



Stainless Steel Rotors

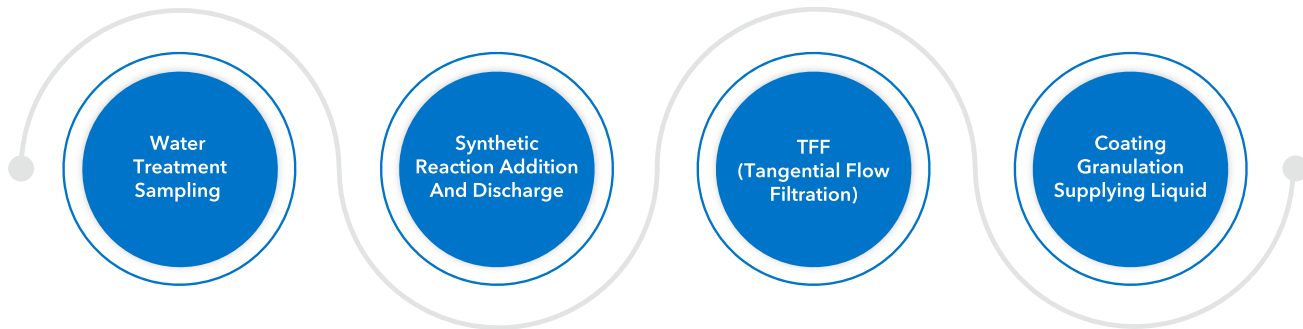


Moderate Pulsation

Technical Specifications:

Speed Resolution	0.1RPM
Speed Accuracy	<±0.2%
Power Supply	AC 100~240V, 50Hz/60Hz
Power Consumption	<30W
External Control Interface	External control input level 5V, 12V (standard), 24V (optional), External control analog 0-5V (standard), 0-10V, 4-20mA (optional)
Communication Interface	RS485 communication interface, MODBUS protocol is available
Working Environment	Temperature 0~40°C, relative humidity<80%
IP Grade	IP31
Dimension (L×W×H)	258mm × 180mm × 197mm

Application Areas:



Ordering Information:

Model No.	Pump Head	Channel	Tubing Size	Flow rate per channel (ml/min)
MP110C	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~641
	PH25	1	114# 116# 15# 24# 35# 36#	0.024~750
MP310C	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~1495
	PH25	1	114# 116# 15# 24# 35# 36#	0.024~1750
MP610C	PH15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~2562
	PH25	1	114# 116# 15# 24# 35# 36#	0.024~3000