

LC series

PRODUCT DESCRIPTION

Intelligent flow type peristaltic pump



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Intelligent flow type peristaltic pump

Used in laboratories, biopharmaceuticals, printing, mineral processing and other fields.

Max flow
2280mL/min

Max speed
600rpm



LC series

The LC series is an intelligent flow type peristaltic pump. The stainless steel all-inclusive design is sturdy and durable. The 3.5-inch color LCD screen is touch-controlled and has a variety of working modes. It can display the transmission status, flow data, setting parameters, and transmission direction with animation on the same screen. The storage function can save 8 groups of filling data, realize fast filling, and support various external control methods such as RS485/MODBUS communication protocol.

LCD touch

3.5-inch color LCD, Chinese and English Display, touch screen control.

Data storage

8 sets of data can be stored for users

Adapt to multiple pump heads

YZ, DG, TX series pump heads can be installed, Pump heads can be cascaded.



Flow calibration

With flow calibration function, it is suitable for transferring liquids with higher precision

Multiple working modes

Transmission mode, timing mode, Quantitative mode, timed quantitative mode

Support external control

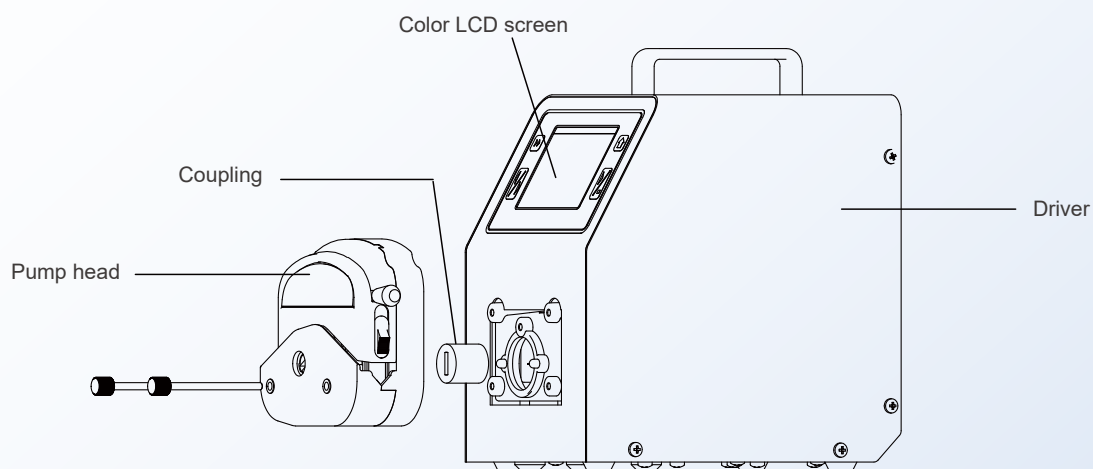
Support RS485/MODBUS communication protocol, analog control, foot switch control

Technical parameter

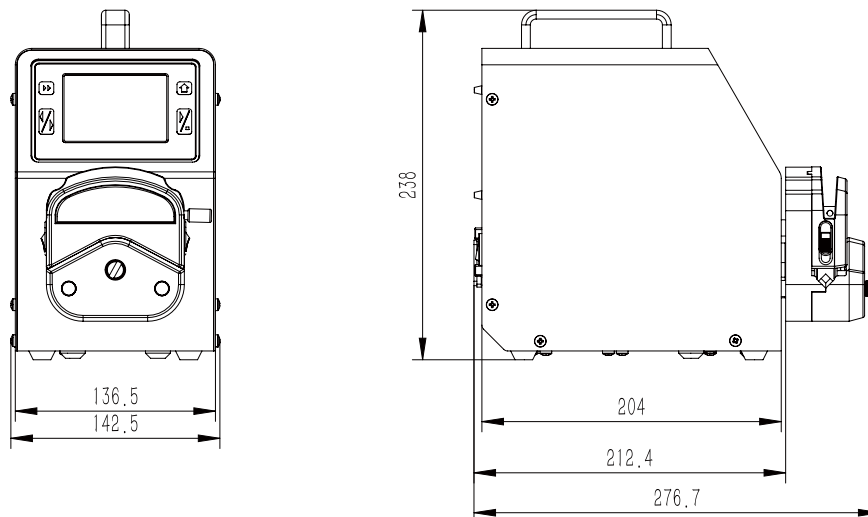
Drive model	BT100LC	BT300LC	BT600LC
Max speed	100rpm(reversible)	300rpm(reversible)	600rpm(reversible)
Speed resolution	0.1rpm	0.1rpm	0.1rpm
Max flow	480mL/min	1440mL/min	2280mL/min
Display method	LCD(EN and CN)	LCD(EN and CN)	LCD(EN and CN)
Speed mode	Touch screen + keypad	Touch screen + keypad	Touch screen + keypad
Timing range	0.1s-9999min	0.1s-9999min	0.1s-9999min
Quantitative range	0.001mL-9999L	0.001mL-9999L	0.001mL-9999L
Power	<22W	<35W	<50W
Drive size	212*142*238mm	212*142*238mm	212*142*238mm
Power supply	AC220V±10% (standard) or AC110V±10% (optional)		
External control method	Start control/direction control/speed control (0-5V, 0-10V, 4-20mA optional) RS485 serial communication		

Schematic diagram of structure and function

Pump head → Coupling → Driver



● BT100LC/BT300LC/BT600LC



(Unit: mm)

* Technical parameters are subject to change without notice.

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