

LC series

PRODUCT DESCRIPTION

Medium flow intelligent flow peristaltic pump



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

Max flow
2280mL/min

Max speed
600rpm



LC series

LC series is a medium flow intelligent flow 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 RS485MODBUS 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 series, DG series, TX series and other pump heads can be installed, and the 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

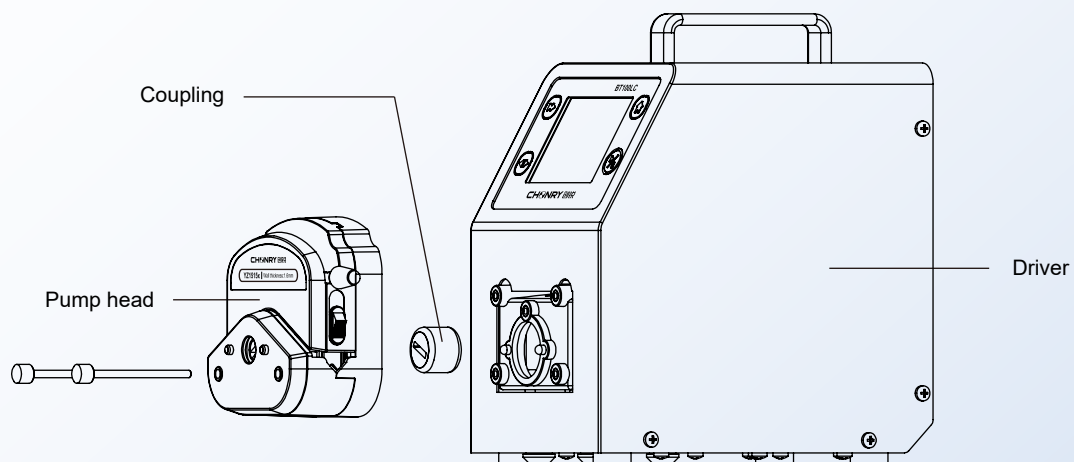
Support RS485MODBUS communication protocol, analog control, foot switch control

Technical parameter

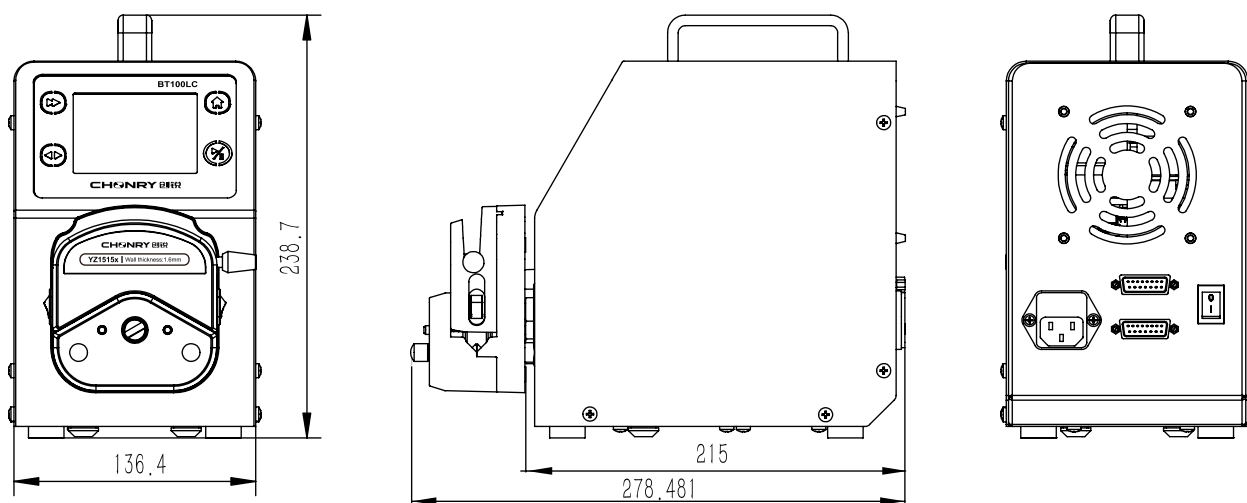
Drive model	BT100LC	BT300LC	BT600LC
Max Speed	100rpm(reversible)	300rpm(reversible)	600rpm(reversible)
Max Flow	480mL/min	1440mL/min	2280mL/min
Speed resolution	0.1rpm	0.1rpm	0.1rpm
Display method	Color LCD display (Chinese and English optional)		
Speed mode	Touch screen adjustment		
Timing range	0.1s-9999min		
Quantitative range	0.001mL-9999L		
Back suction angle	10°-720° (0° means no back suction)		
Back suction speed	10-100rpm	10-300rpm	10-300rpm
Power	<22W	<35W	<50W
Drive size	215x136.4x236.7mm	215x136.4x236.7mm	215x136.4x236.7mm
Drive weight	4.64kg	4.64kg	4.94kg
Power supply	AC220±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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