

CF series

PRODUCT DESCRIPTION

**Medium flow intelligent
dispensing peristaltic pump**



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Medium flow intelligent dispensing peristaltic pump

It is used in the packaging of testing reagents, medicines and other fluids, food, medical, laboratory and other fields

Max flow
2280mL/min

Max speed
600rpm



CF series

CF series is a medium flow intelligent dispensing peristaltic pump. It adopts a 3.5-inch color LCD touch screen display. It is simple and intuitive to operate. It has two working modes: transmission and distribution. It can be intelligently set according to different work needs and is suitable for the YZ series, TX series, DG series and other pump heads, which can store data and support various remote control modes such as RS485MODBUS.

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.



Suction function

The speed angle of reverse operation can be customized to prevent liquid dripping.

Multiple working modes

It has two working modes of transmission and distribution, and can perform repeated timing and quantitative filling.

Support external control

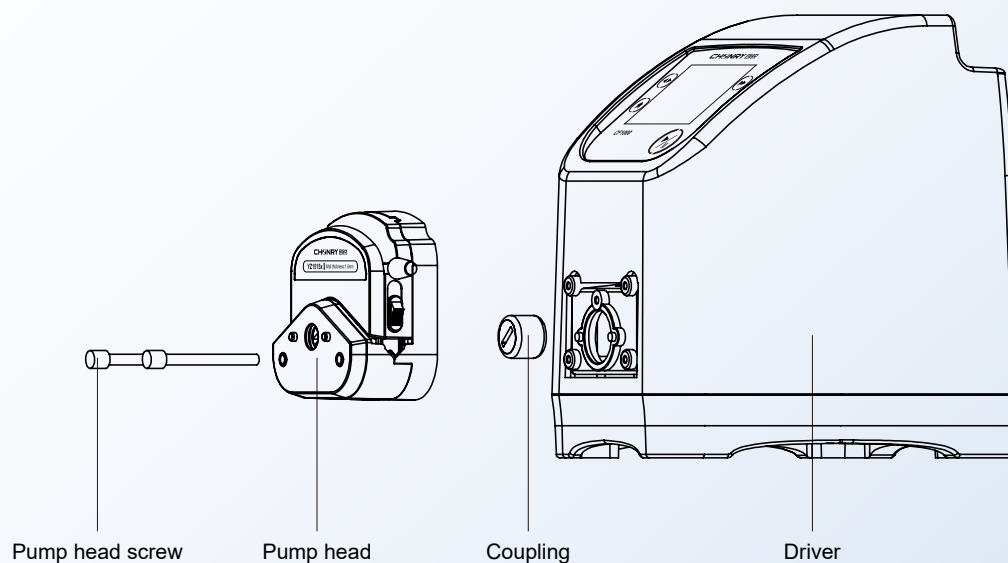
Support RS485MODBUS communication protocol, analog control, foot switch control.

Technical parameter

Drive model	CF1000	CF3000	CF6000
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		
Filling times	0-9999t		
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	231x185.5x248mm	231x185.5x248mm	231x185.5x248mm
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		

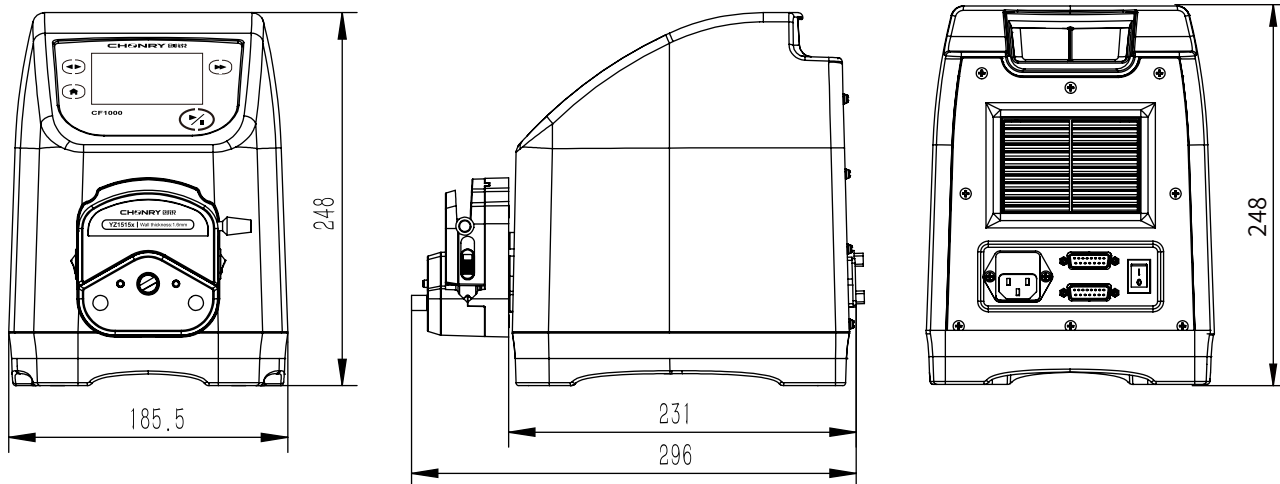
Schematic diagram of structure and function

Pump head → Coupling → Driver



Dimensions

CF1000/CF3000/CF6000



(Unit: mm)

* Technical parameters are subject to change without notice.

CHONRY 创锐

Baoding Chuangrui Precision Pump Co.,Ltd.

Address: NO.369 of HuiYang Street , Baoding 071000,Hebei , China

Mobile: +86 15633705132

Website: <http://www.crpump.com>

Email: support@crpump.com

