

FJ series

PRODUCT DESCRIPTION

Medium flow digital
distribution peristaltic pump



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Medium flow digital distribution peristaltic pump

It is used in the addition of water reducing agent, grinding liquid, food packaging, pharmaceutical packaging, etc.

Max flow
2280mL/min

Max speed
600rpm



FJ series

FJ series is a medium flow digital distribution peristaltic pump. It has dual working modes of distribution and transmission. It can preset the number of distributions, distribution time, etc., which is convenient for users. It uses 4-digit LED to display the current flow or speed, and has a suction back function. It has multiple functions such as power-off memory and intelligent calibration. It can be installed with various pump heads such as YZ series, DG series, and TX series. It supports RS485 MODBUS communication protocol, analog control, and foot control.

Full speed function

Full speed at the push of a knob for quick emptying or filling of pump tubing

Power off save

Can automatically save the control parameters when the last power failure

Adapt to multiple pump heads

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



Suction function

In dispensing mode, the pump can be customized to reverse after shutdown to prevent liquid dripping

Multiple modes

Provides distribution and transfer modes for ease of use

External control function

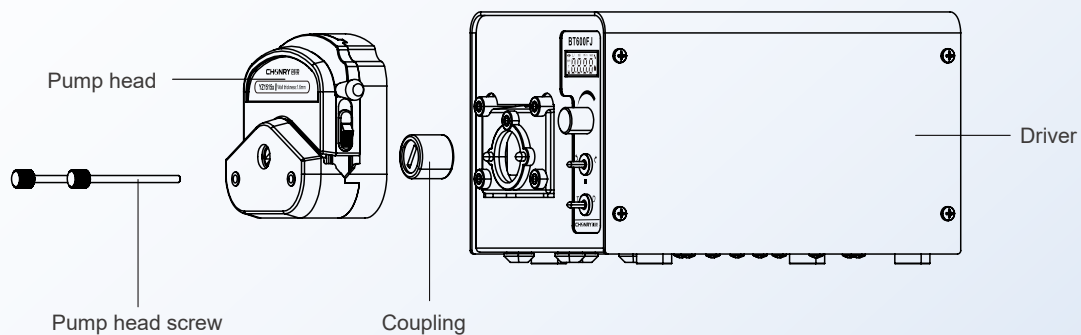
Support RS485MODBUS communication protocol, analog control, foot switch control

Technical Data Sheet

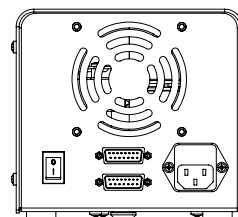
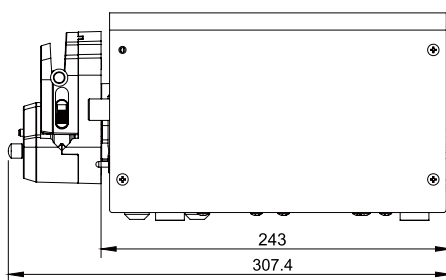
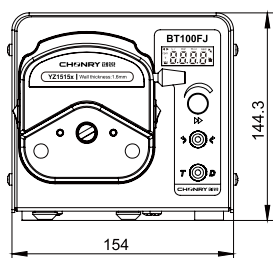
Drive model	BT100FJ	BT300FJ	BT600FJ
Max Speed	100rpm(reversible)	300rpm(reversible)	600rpm(reversible)
Max Flow	480mL/min	1440mL/min	2280mL/min
Speed resolution	0.1rpm	0.1rpm	0.1rpm
Display method	4-digit LED displays current speed/flow		
Speed mode	Digital knob to adjust the speed		
Timing range	0.1s-9999min		
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	243x154x144.3mm	243x154x144.3mm	263x184x147.7mm
Drive weight	3.98kg	4.3kg	4.8kg
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

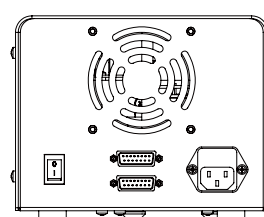
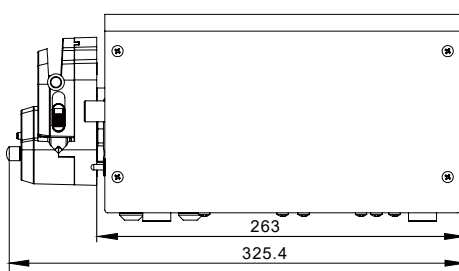
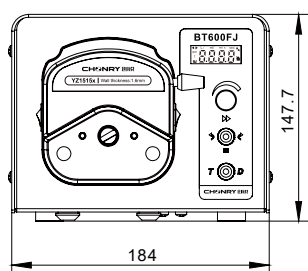
Pump head screw → Pump head → Coupling → Driver



BT100FJ (BT300FJ)



BT600FJ



(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

