

CM series

PRODUCT DESCRIPTION

Digital button type peristaltic pump



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Used in photovoltaic, environmental protection, mineral processing, mechanical packaging, solvent extraction and other industries.

Max flow
2280mL/min

Max speed
600rpm



CM series

CM series is a digital button-type peristaltic pump, using button operation, 4-digit LED digital display of current flow or speed, with multiple functions such as power-off saving, flow calibration, one-button full speed, etc. It supports different external controls such as RS485/MODBUS communication protocol. It is suitable for a variety of pump heads such as YZ series, TX series, DG series, etc., to meet different work needs.

Easy to operate

Simple appearance, key operation, 4 positions LED display flow or speed more intuitive

External control function

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

One key full speed

Features a convenient full speed button for fill or empty pipes quickly



Power off save

Can automatically save the last power-down control parameter

Liquid volume calibration

The flow correction is carried out according to the target value and the actual value, Ensure transmission accuracy

Adapt to multiple pump heads

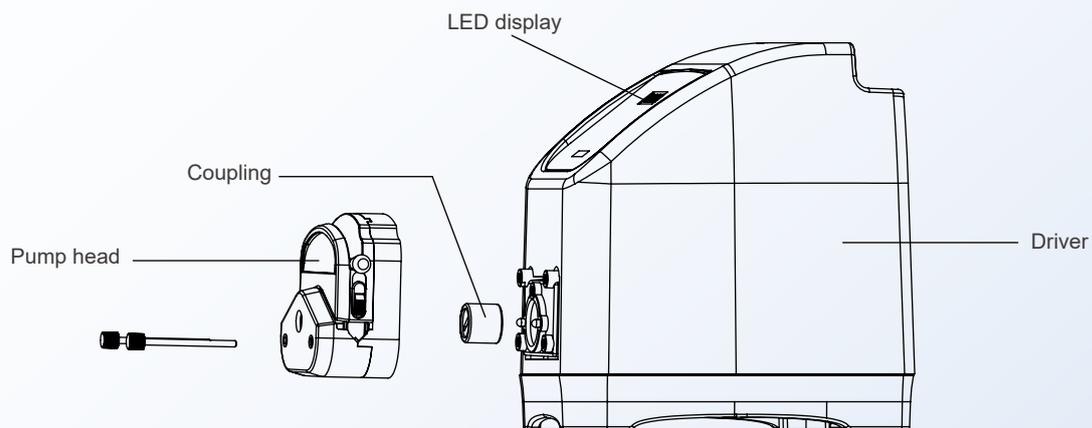
Various pump heads such as YZ series, DG series and TX series can be installed

Technical parameter

Drive model	CM1000	CM3000	CM6000
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	4-LED display	4-LED display	4-LED display
Speed mode	Membrane keys	Membrane keys	Membrane keys
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	225*185*248mm	225*185*248mm	225*185*248mm
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		

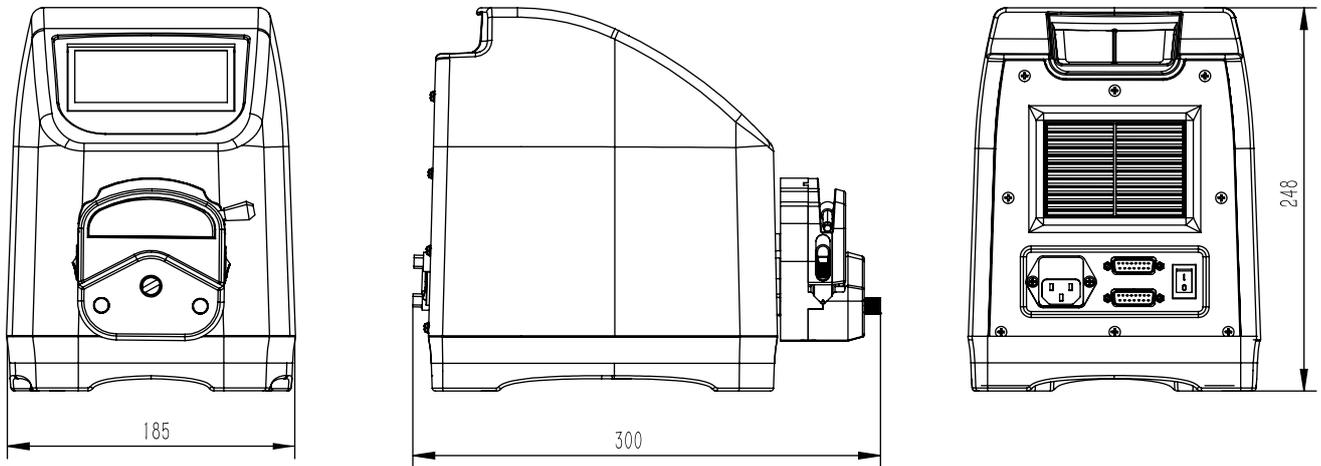
Schematic diagram of structure and function

Pump head → Coupling → Driver



Dimensions

● CM1000/CM3000/CM6000



(Unit:mm)

* Technical parameters are subject to change without notice.

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