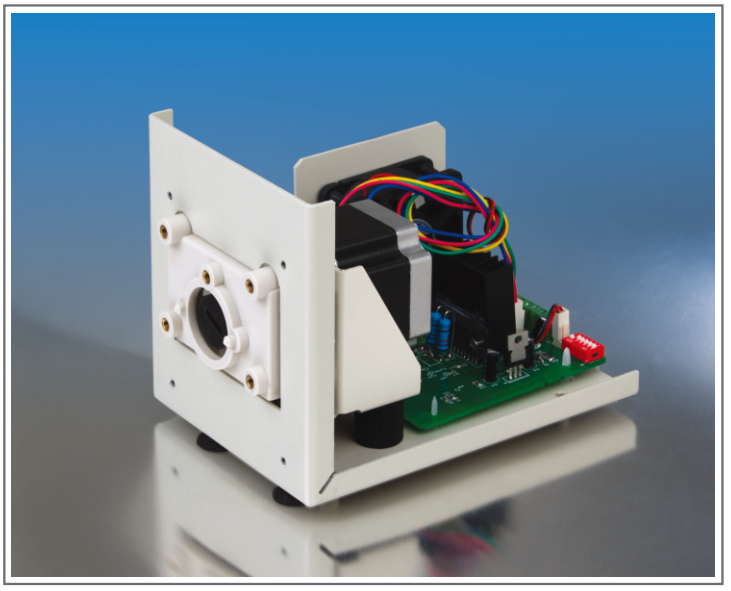
OEM Variable Speed Peristaltic Pump

Max. Flow Rate

2000 mL/min

1300 mL/min

T300 Series

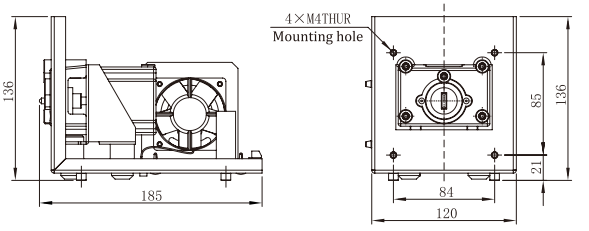


Multi-control modes.

Standard pump head mounting bracket can be fitted with several different pump heads.

Soleplate or panel instanllation.

Installation Drawing



Pump Specification

Items	Specification
Speed	≤300rpm
Speed resolution	1rpm
*Direction control	Direction is controlled by external switch signal. CW when switch is open, CCW when switch is closed.
*Start/stop control	Start/stop is controlled by external switch signal. Pump runs when switch is open, stops when switch is closed.
*BCD dial switch speed control	The speed is divided into 15 grades. BCD position 1-F corresponding to 5, 10, 20, 40, 60, 80, 100, 125, 150, 175, 200, 225, 250, 275, 300 (rpm).
*External speed control(optional)	4-20mA corresponding to 1-300rpm, 0-5V corresponding to 0-300rpm、0-10V corresponding to 0-300rpm, 0-10kHz corresponding to 0-300rpm.
**Communication pump ID	Pump ID range is 1-30, 31 is broadcast address.
**Bit rate	1200bps or 9600bps
Dimension(L×W×H)	185×120×136 (mm)
Relative humidity	＜80%
Operating temperature	0 to 40°C
Power supply	DC24V/50W

Note: Items with * are only available for products with dial switch and external speed control signal.
Items with ** are only available for product with RS485.

Pump Selection Table

Model	Product Code	Control Mode
T300-S11	05.61.001	Dial switch and external signal (4-20mA)
T300-S21	05.61.011	Dial switch and external signal (0-5V)
T300-S31	05.61.021	Dial switch and external signal (0-10V)
T300-S41	05.61.031	Dial switch and external signal (0-10kHz)
T300-S51	05.61.041	RS485 communication

Pump Head	Tubing	Max. Flow Rate (mL/min)
YZ1515x, YZII15	13# 14# 19# 16# 25# 17# 18#	1140mL/min
YZ2515x, YZII25	15# 24#	840mL/min
DG15-24	16# 25# 17#	900mL/min
DMD15-13-B, DMD15-13-D	2×13# 4×13# 2×14#(Silicone or PharMed) 2×19# 2×16# 2×25#(silicone)	1040mL/min
FG15-13-B	13# 14# 19# 16# 25# 17# 18#	1300mL/min
FG25-13-B	15# 24#	900mL/min
BZ15-13-A	14#	80mL/min
BZ15-13-B	16#	240mL/min
BZ15-13-C	25#	470mL/min
BZ15-13-D	17#	840mL/min

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