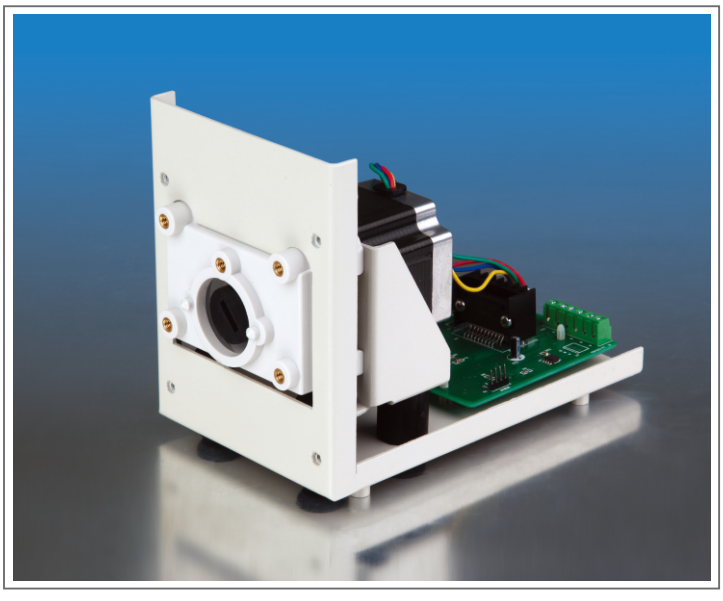
OEM Variable Speed Peristaltic Pump

Max. Flow Rate

500 mL/min

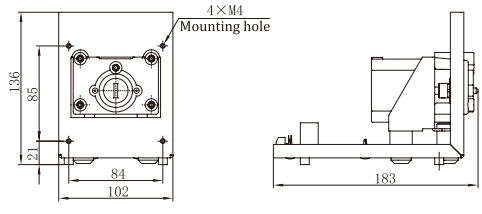
450 mL/min

T100 Series



Multi-control modes. Standard pump head mounting bracket can be fitted with several different pump head. Ideal OEM peristaltic pump for lots of instrument. Soleplate or panel installation.

Installation Drawing



Pump Specification

Items	Specification
Speed	≤100rpm
Speed resolution	0.1rpm
*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 5,10,15,20,25,30,35,40,45,50,60, 70,80,90,100 (rpm)
*External speed control (optional)	4-20mA corresponding to 0.1-100rpm; 0-5V corresponding to 0-100rpm; 0-10V corresponding to 0-100rpm; 0-10kHz corresponding to 0-100rpm
**Communication pump ID	Pump ID range is 1-30, 31 is broadcast address
**Bit rate	1200dps or 9600dps
Dimension (L×W×H)	183×102×136 (mm)
Relative humidity	＜80%
Operating temperature	0 to 40℃
Power supply	DC11.4V-25.2V/20W

Note: IItems 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
T100-S16	05.59.02A	Dial switch and external signal (4-20mA)
T100-S17	05.59.12A	Dial switch and external signal (0-5V)
T100-S18	05.59.22A	Dial switch and external signal (0-10V)
T100-S19	05.59.32A	Dial switch and external signal (0-10kHz)
T100-S102	05.59.42A	RS485 communication

Pump Head	Tubing	Max. Flow Rate(mL/min)
YZ1515X, YZII15	13# 14# 19# 16# 25# 17# 18#	380mL/min
YZ2515X, YZII25	15# 24#	270mL/min
DG-1(6), DG-2(6)	ID ≤3.17(mm) Wall Thickness 0.8-1(mm)	48mL/min(Single Channel)
DG-1(10), DG-2(10)		32mL/min(Single Channel)
FG15–13	13# 14# 19# 16# 25# 17# 18#	450mL/min
FG25–13	15# 24#	300mL/min
DMD15-13-B	2×13# 4×13# 2×14# 2×19#(Silicone or PharMed) 2×16# 2×25#(silicone)	350mL/min
BZ15-13-A	14#	25mL/min
BZ15-13-B	16#	80mL/min
BZ15-13-C	25#	160mL/min
BZ15-13-D	17#	270mL/min
BZ25	24#(silicone)	270mL/min