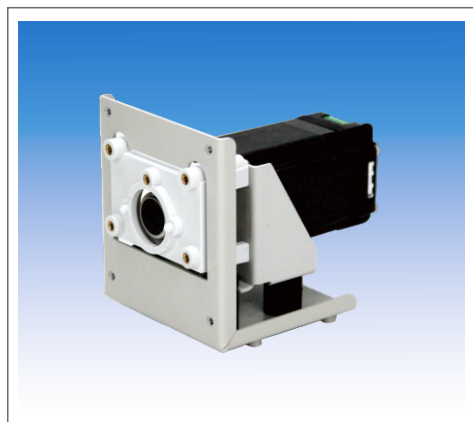
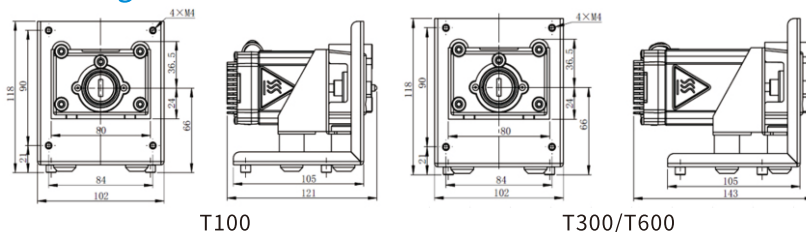


# OEM Variable Speed Peristaltic Pump

## SC02 Series with Integrated Driver



- Compact size and structure, utilizing a NEMA 23 stepper motor with an integrated driver.
- Communication control of the pump via the RS485 interface (supporting the Modbus RTU).
- Compatible with various peristaltic pump heads with a wide flow range.



	T100-SC02-01	T300-SC02-01	T600-SC02-01
Pump Speed	0-100rpm	0-300rpm	0-600rpm
Speed resolution	Minimum speed control resolution: 0.01rpm		
Control function	RS485 interface, supporting both Modbus RTU protocol and Longer Pump OEM protocol. Control the pump speed, start/stop, running direction, and prime status (full speed) via communication commands. And the pump status when power up can be configured.		
Communication parameters	Baud rate: 1200bps, 9600bps, 19200bps, 115200bps Parity: None or Even Pump address: 1-32 Stop bit: 1 bit		
Output	DC5V 100mA		
Power supply	DC24V/15W	DC24V/45W	DC24V/55W
Dimensions(L*W*H)	121*102*118mm	143*102*118mm	
Mounting method	Panel mount or soleplate mount		
Working condition	Temperature: 0°C-40°C, relative humidity<80%		
Weight(without pump head)	1.29kg	1.61kg	

Pump Head	Tubings	Max Flow Rate(mL/min) T100-SC02-01	Max Flow Rate(mL/min) T300-SC02-01	Max Flow Rate(mL/min) T600-SC02-01
YZ1515X,YZ1115	13#,14#,19#,16#,25#,17#,18#	380	1100	2200
YZ2515X	15#,24#	270	800	1600
YZ1125	15#,24#,35#,36#	500	1500	3000
FG15-13	13#,14#,19#,16#,25#,17#,18#	430	1200	2400
FG25-13	15#,24#	320	1100	2200
DMD15-13-B DMD15-13-D	2x13#,2x14#,2x19#,2x16#,2x25#	375	1035	2070
BZ15-13-A	14#	22	75	150
BZ15-13-B	16#	80	230	460
BZ15-14-C	25#	150	480	960
BZ15-14-D	17#	270	800	1600
BZ25-13-B	24#	250	800	1600
DG15-24	16#,25#,17#	300 (Single Channel)	900(Single Channel)	1800(Single Channel)
DG15-28	13#, 14#, ID≤3.17mm W.T. 0.8-1mm	75 (Single Channel)	Not Recommended	Not Recommended
DG-(1,2,4,6,8) 6 rollers	ID≤3.17mm W.T. 0.8-1mm	48 (Single Channel)	Not Recommended	Not Recommended
DG-(1,2,4) 10 rollers	ID≤3.17mm W.T. 0.8-1mm	32 (Single Channel)	Not Recommended	Not Recommended
BPH01	13#, 14#, 19#, 16#, 25#	82	260	530