

## Peristaltic Pump

- Prime key for fast filling and emptying.
- Memory for storing running parameters.
- Membrane keypad, easy to operate.



### Specification of Peristaltic Pump

Model	ST-BT300-1F
Speed (rpm)	1 ~ 300, reversible
Speed Precision (rpm)	1
Speed Control	Rotary encoded switch couple with membrane keypad
Display	128 x 64 graphic LCD, displays flow rate, speed or dispensing
External Control	Start/ Stop, cw/ ccw control, and 0-5V, 0-10V, 4-20mA speed control
Dispense Volume	0.07 to 1140ml/ min
Power Supply	AC 220V 50Hz
Power Consumption	< 50W
Operating Condition	0 ~ 40°C, <80% RH
Dimension (L x W x H) mm	202 x 160 x 239
Weight	4.3kg
IP Rating	IP 31
Supply Standard	Quick action pump head 1515x
Tubing Standard	Size 19 (250ml/ min)
Optional Tubing	Size 13, 14, 16, 17, 18, 25 (Flow rate 0.07-1140ml/ min) Size 15, 24, flow rate 1.7-870ml/ min

## Water Circulating Cooling / Heating Bath

- Microprocessor controller.
- Audio/ visual alarm for over temperature and low water level.
- A hermetically compressor with CFC-free R134a refrigerant.
- Outlet for external circulation instruments such as polarimeters, refractometers, viscometers, extractors, etc.
- Built-in pump for internal / external circulation.
- Testing above 80°C - Liquid medium - mineral oil.
- Testing below 5°C - Liquid medium - glycerol.



### Specification of Water Circulating Cooling / Heating Bath

Model	ST-MP10C	ST-MP20C	ST-MP30C	ST-MP40C	ST-MP50C	ST-MPG10C	ST-MPG20C	ST-MPG40C	ST-MPG50C
Temperature Range	-10 ~ +100°C	-20 ~ +100°C	-30 ~ +100°C	-40 ~ +100°C	-50 ~ +100°C	-10 ~ +100°C	-20 ~ +100°C	-40 ~ +100°C	-50 ~ +100°C
Temperature Precision	± 0.2°C								
Internal dimension (W x D x H) mm	150 x 160 x 150					240 x 170 x 200			
Volume	4.5L					13L			
Pump Rate	4L/ min	10L/ min			4L/ min		10L/ min		
Electrical Supply	AC 220V 50Hz								
Power Consumption	2000W								