

## BT100S variable speed peristaltic pump

Suitable for laboratory and general industrial environments;

- Stainless steel shell, chassis design of the internal circuit board dust-proof, sturdy and durable;



- 4 digit display, speed resolution of 0.1 rpm, precision 0.5%, clearly visible;
- Buttons control the speed, rotating, starting, stopping, full speed, state memory (power-down memory);
- Unique dispensing function is simple operation, suitable for general accuracy of the liquid distribution, reduces human operation errors, improves efficiency;
- RS485 bus, support for MODBUS communication protocol, can be easily connected with computer.

- Suitable for pump head: YZ15, 2\*YZ15,4\*YZ15,YZ25,2\*YZ25, DG6-1, DG6-2,DG6-4,DG6-8,DG6-12,DG10-1,

DG10-2,DG10-4,DG10-8,DG10-12.

- Flow range: 0.00016 ~ 570 (ml / min)

### Technical parameters

- Speed range: 0.1 ~ 150 rpm

- Speed resolution: When speed is 0.1-100 rpm, the speed resolution is 0.1 rpm. When speed is 100-150 rpm, the speed resolution is 1rpm. The accuracy is 0.5%

- Supply Voltage: AC220V ± 10% 50/60HZ AC 110V±10%,50Hz/60Hz (optional)

- Working Environment Temperature: 0 ~ 40 °C

- Relative humidity <80%

- Protection level: IP31

- Dimensions: (L × W × H) :223mm×150mm×195mm

- Weight:4.7KG

Features:

- Four LED digital speed display, keypad operation, rotating, and start and stop, full-speed (fast cleaning, emptying), state memory (power-down memory), simple repackaging.

External control functions:

Footswitch, external control start and stop, external control orientation, Isolated, 5V 12V 24V level input; 0-5V/10V ,4-20mA ,0-10KHz speed control input; support RS485 bus, MODBUS communication protocol.