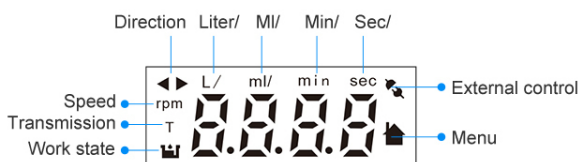


Product details

4-led display flowrate or speed

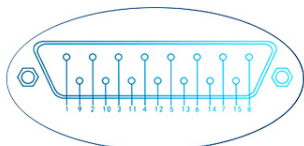


- Adjust speed/full speed/ menu operation
- Left /stop/right switch



4-LED display screen, different icons light up, it shows the current working status of the pump

Rear port external control operation



Schematic diagram of external control interface
An interface that can control the machine with external information



Peristaltic Pump BT300M has excellent repeatability as Laboratory Peristaltic Pumps, as a lab Peristaltic Pump, it can match various pump heads, to realize different pump head and drive combinations. The transfer peristaltic pump will not touch the liquid, ensuring the pollution-free operation, and the low shear force will not damage the carrier cells. It is an ideal tool for aggressive fluids. The constant flow peristaltic pump has a good self-priming ability, can be idling, can prevent backflow, has no valves and seals, and is simple to maintain.

1. BT300M/YZ1515x, flowrate range is 0.007~1140ml/min, maximum power: 35W, voltage: 110V-220V, speed range: 0.1-300rpm

2. Peristaltic pump Flow and speed can be adjusted either by digital rotary knob, instead of the traditional way of membrane keypad, which reduces the failure rate obviously; or by automatic control through the external controller interface, with three available modes: 0-5V, 0-10V and 4-20mA. RS485 MODBUS interface is available. If you need an external control line, please contact us for remarks.

3. Memory function is also available in case of power off. Besides, rotary knobs are designed clearly so that it is easy to operate for customers. It can be set to change the liquid flow direction, set the speed and control the start and stop, etc. It is also equipped with a foot switch to control the start and stop.

4. The circuit board with conformal coating for dust-proof and moisture-proof. FULL SPEED button is available to fill in & empty out quickly.

5. Application: This digital peristaltic pump is suitable for the food industry, university laboratories, scientific research institutions, solvent extraction, beauty industry, liposuction, filling and sub-packaging, and Biopharmaceutical, etc.

Pump head & Flow rate

BT300M/YZ1515x

Noted : The rpm display is the defaulted mode. If you need flow display, pls contact our sales to customized the program.

Tube specifications for the pump head YZ1515x (black is defaulted)

Noted : The standard tube which will come with the pump is model 17#, If you need other tube model , pls contact our sales in advance.

Tube size (ID x Wall thickness)	Min. flow rate (0.1 rpm)	Max. flow rate (100 rpm)
0.8mm x 1.6 mm (13#)	0.007mL/min	21mL/min
1.6mm x 1.6 mm (14#)	0.027mL/min	81mL/min
2.4mm x 1.6 mm (19#)	0.051mL/min	153mL/min



3.1mm x 1.6 mm (16#)	0.082mL/min	246mL/min
4.8mm x 1.6 mm (25#)	0.17mL/min	510mL/min
6.4mm x 1.6 mm (17#)	0.29mL/min	870mL/min
7.9mm x 1.6 mm (18#)	0.38mL/min	1140mL/min

Kind tips:

All the data in the Above chart is based on the water.

If your liquid is viscous or corrosive, then this selection guide is not suitable for you.

Contact us, we will help you with better selection.

Motor type: Stepping motor

Speed range: 0.1-300 rpm

Flow range: 0.007-1140ml/min

Maximum power: 35W

Direction: reversible

Control mode: Rotary knobs, support for external signal and communication control

Communication interface: RS485, MODBUS protocol is ready. (If you need an external control line, please contact us for remarks.)







Applicable power supply: AC 110-220V

Pump tube material: silicone tube

Suitable Tubing: 17# 13# 14# 19# 16# 25# 18# (The default 17# pump tube, if you need other types of pump tubes, please consult customer service.)

【NOTE】 : Do not place this product in hazardous work areas, flammable and explosive environments, including but not limited to routine transmission of flammable liquids.

• Packing list

	<p>01</p> <p>BT300M/YZ1515X peristaltic pump</p> <p>Suitable for various types of pump heads, please contact us for more needs.</p>		<p>02</p> <p>Silicone tube 17# *2m</p> <p>If you need another size of tube, please leave a note or contact us.</p>
	<p>03</p> <p>Straight plastic connector *2 pcs</p>		<p>04</p> <p>Remote on/off switch-1.5m *1 pc</p>
	<p>05</p> <p>Power cord *1 pc</p>		<p>06</p> <p>User's manual *1 pc</p>