



Peristaltic pump BT100M/YZ1515x, Flow range is 0.007~380 ml/min. It has 4 led digital display flow and speed, you can see clearly how fast the speed is or what's the flow rate is when you use the digital peristaltic pump to transfer the liquid.

Yes, the basic peristaltic pump is with functions of flow correction, why? Because when you want an accurate volume about the transfer liquid, You can calibrate it more than 3 times and then use it for transmission to get accurate flow.

BT100M has excellent repeatability as laboratory peristaltic pumps, as a laboratory 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.

Typical Case:

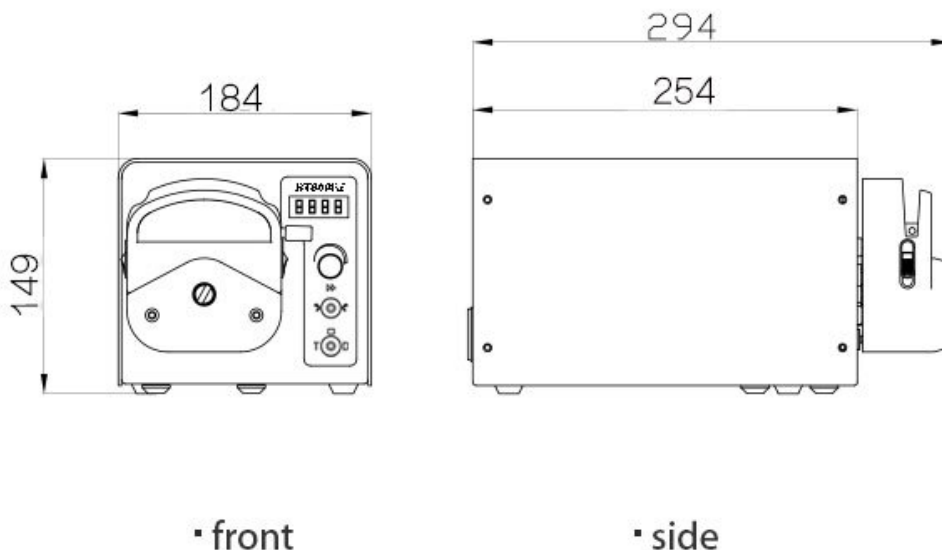
Mollusk breeding/color masterbatch production/pharmaceutical factory, laboratory delivery of liquid/ plant wax transmission, etc.

Parameter Model : BT100M/YZ1515x	
Noted : The rpm display is the defaulted mode. If you need flow display, pls contact our sales to customized the program.	
Speed	0.1-100rpm
Speed resolution	0.1rpm
Flow rate	0.007-380ml/min
Display	4-LED display
Speed control model	Rotary encoded switch control speed
Power supply	AC220V±10%(standard) or AC110V±10%(optional)
Flow accuracy	≤±0.5%

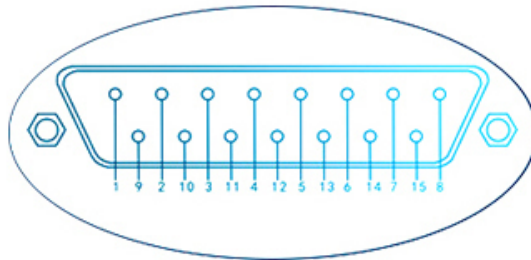
External control	Start & stop, direction control, speed control(0-5v, 0-10v, 4-20mA optional)
Communication interface	RS232 and RS485, support MODBUS protocol mode
IP rate	IP31
Power	<22W

Tube specifications for the pump head YZ1515x(black is defaulted)
 Noted : The standard tube which will come with the pump is model 18#, If you need other tube model , pls contact our sales in advance.

Tube model	ID(mm)	OD(mm)	Standard material	Flow with 100 rpm(ml/min)
18#	7.9	11.1	Silicon tube	380
17#	6.4	9.6	Silicon tube	290
25#	4.8	8	Silicon tube	170
16#	3.2	6.4	Silicon tube	82
19#	2.4	5.6	Silicon tube	51
14#	1.6	4.8	Silicon tube	27
13#	0.8	4	Silicon tube	7









Rear port external control operation



Schematic diagram of external control interface

An interface that can control the machine with external information

• Packing list

	<p>01</p> <p>BT100M/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>