

Standard Peristaltic Pump BT-S Series

Features:

- * 128*32 LCD screen, Chinese and English switching, simple parameter setting, intuitive status display.
- * It can realize start and stop, speed regulation, timing operation and other operations remotely through the Lead Fluid APP software, and has monitoring functions such as shutdown alarm, pump tube replacement reminder and so on (optional)
- * Delay start and delay stop function.
- * Start/stop, reversible direction, full speed, adjust speed, state memory (power-down-memory).
- * External analog speed regulation, external control signal control start and stop, positive and negative, physical isolation of external control signal.
- * External control signal supports 5-24v wide voltage input.
- * External speed control signal type (voltage or current) can be switched through the control panel.
- * RS485 communication interface, MODBUS protocol is available, support communication parameter setting easy to connect other equipment.
- * Set multiple control parameters for ODM customization application.
- * Circuit board with conformal coating makes it dust-proof and moisture-proof.
- * Super anti-interference feature, wide input voltage range, acceptable for the complex power environment .
- * ABS plastic housing, creative streamlined appearance, beautiful and simple.



Technical Parameters

Model	BT101S	BT301S	BT601S
Flow Range	0.0001~720ml/min	0.005~1750ml/min	0.006~3000ml/min
Rotation Range	0.1~150rpm	0.1~350rpm	0.1~600rpm
Speed Resolution	0.1~100rpm: 0.1rpm; 100~600rpm: 1rpm		
Speed Accuracy	<±0.5%		
Power Supply	AC100~240V, 50Hz/60Hz		
Power	<30W	<40W	<50W
External Control Interface	External control input level 5V, 12V (standard), 24V (optional); external control analog 0-5V (standard), 0-10V, 4-20mA (optional)		
Communication Interface	RS485 communication, compatible with Modbus protocol		
Working Environment	Ambient temperature 0~40°C, relative humidity <80%		
Protection Level	IP31		
Overall Dimensions (L*W*H)	261*180*197mm		
Drive Weight	4.5kg	4.7kg	4.9kg
Packing Size	430*290*320mm		
Gross Weight	8kg		

Pump Head:



DG type



DT type



YZ15/YZ25



YT15/YT25

Applicable Pump Head, Hose & Flow Parameters

Driver Model	Applicable Pump Head	Number Of Channels	Applicable Hose	Single Channel Flow Rate(ml/min)
BT101S	DG/DS (6 rollers)	1,2,4	Wall 0.8~1mm, ID≤3.17mm	0.00016~49
	DG/DS (10 rollers)	1,2,4	Wall 0.8~1mm, ID≤3.17mm	0.00011~32
	DT10-18/28	1,2	13#14#, Wall 0.8~1mm, ID≤3.17mm	0.00023~64
	YZ15/YZ15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~641
	YT25	1	114#116#15#24#35#36#	0.024~750
BT301S	YZ15/YZ15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~1495
	YT25	1	114#116#15#24#35#36#	0.024~1750
BT601S	YZ15/YZ15T	1,2	13# 14# 19# 16# 25# 17# 18#	0.005~2562
	YT25	1	114#116#15#24#35#36#	0.024~3000

Remark: Customers can choose any one model hose as the standard configuration and the standard length is 2 meters.