Intelligent Flow Rate Peristaltic Pump FPP Series

Features:

* Storage function——user data storage function:(9 sets of filling data) , support RS485/MODBUS communication protocol, analog control ((0-5V, 0-10V, 4-20mA...).
* External control function——Multiple mode selection: communication mode, analog mode，foot switch control.Provide customized services.
* Memory function——data will be stored in time after power off.
* Calibration function——intelligent flow calibration: after setting the target flow, input the actual flow value, and the system will automatically carry out flow calibration to ensure the flow accuracy.
* Full speed function——one button to control full speed operation, used for quick cleaning, filling and emptying tubes, etc
* Suckback function——By setting Suckback angle and Suckback speed to prevent liquid dripping and ensure fluid accuracy.
* Lock screen function——lock screen design, error proof touch, application more secure.
* LCD touch screen, real-time display of operation status and working parameters.
* Whole housing design-stainless steel housing，sturdy and durable , multi-face seamless whole housing design, Long service life, high cost performance.

Technical Parameters:

Model	FPP-BT100LC	FPP-BT300LC	FPP-BT600LC
Pump Head	YZ1515x, YZ2515x, DG series(only FPP-BT100LC)		
Speed Range	0.1-100rpm(Reversible)	0.1-300rpm(Reversible)	0.1-600rpm(Reversible)
Speed Resolution	0.1rpm		
Flow Range	0.0015-380ml/min	0.007-1140ml/min	0.007-2280ml/min
Filling Precision	＜±0.5%		
Display	LCD		
Back Suction Angle	10°~720°		
Back Suction Speed	10~100rpm	10~300rpm	
Optional Accessory	Foot switch		
Environmental Conditions	Temperature: 0 ~ 40 ℃; Humidity: ＜ 80%, no condensation		
Consumption	22W	35W	50W
Power Supply	AC110/220V±10%, 50/60Hz		
Instrument Size(W*D*H)	212*140*240mm		
Package Size(W*D*H)	363*253*353mm		
Gross Weight	6kg		6.9kg

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Pump Head:

YZ1515X

DG Series

YZ2515X

Pump Parameters:

Standard Peristaltic Pump SPP Series		Model / Tubing	FPP-BT100LC	FPP-BT300LC	FPP-BT600LC
		Speed Range	0.1-100rpm (Reversible)	0.1-300rpm (Reversible)	0.1-600rpm (Reversible)
Pump Head& Single channel flow	YZ1515x	13#,14#,19#, 16#,25#,17#,18#	0.007-380ml/min	0.007-1140ml/min	0.007-2280ml/min
	YZ2515x	15#,24#	0.17-290ml/min	0.17-870ml/min	0.17-1740ml/min
	2*YZ1515x	13#,14#,19#, 16#,25#,17#,18#	0.007-380ml/min	0.007-1140ml/min	0.007-2280ml/min
	2*YZ2515x	15#,24#	0.17-290ml/min	0.17-870ml/min	0.17-1740ml/min
	DG-1(6)	0.5*0.8, 1*1, 2*1, 2.4*0.8, 3*1	0.002~36ml/min	/	/
	DG-1(10)		0.0015~27ml/min	/	/
	DG-2(6)		0.002~36ml/min	/	/
	DG-2(10)		0.0015~27ml/min	/	/
	DG-4(6)		0.002~36ml/min	/	/
	DG-4(10)		0.0015~27ml/min	/	/

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

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