Standard Peristaltic Pump



Introduction:

Peristaltic pumps are mainly used for various liquid transfer. The peristaltic pump driver provides power to drive the pump head to run, and the rotor in the pump head rotates, relying on the pumping efficiency generated by the alternate extrusion and release of several rotors along an elastic hose to work. The squeezed fluid in the tube produces flow output, and when the tube returns to its original state by its own elasticity after the pressure disappears, the volume increases, a vacuum is generated, the fluid is sucked in, and the cycle is repeated.

Features:

* Full speed function: realize fast filling and emptying.
* Speed regulation function: The speed can be adjusted manually, or controlled through an external control interface.
* Direction function: reversible forward and reverse.
* Display function: display the current speed, direction and status.
* Power-off memory function: memorize the working state before power-off (continuous work for more than 5s)

Technical Parameters:

Model	SPP-100-2J	SPP-300-2J
Speed Range	0.1-100rpm	0.1-300rpm
Speed Resolution	0.1rpm	0.1-99.9rpm:0.1rpm； 100-300rpm:1rpm
Adjusting Method	Membrane button continuous adjustment	
Display	LED displays current speed	
Power	≤30w	≤75w
Flow Range	0.0002-380ml/min	0.06～1140ml/min
External Size	254*140*140mm	
Protection Class	IP31	
Pump Model	YZ15A	
Suitable Pump Hose	13# 14# 19# 16# 25# 17# 18#	
Ambient Temperature	10℃-40℃	
Relative Humidity	≤80%	
Atmosphere Pressure	860hPa-1060hPa	
Power Supply	100-240V 50/60HZ	100-270V 50/60HZ
Full Speed Function	Fast filling and emptying	
Speed Adjustable Function	Manual speed adjustment	
Direction Function	Reversible	
Display Function	Display current speed, direction and status	
Power-off memory function	Memory of working status before power failure (working continuously for more than 5 seconds)	
Standard Accessories	YZ15A pump head, 2 meters of 14#pump hose	
Optional Accessory	Foot switch	
Packing Size	390mm*340mm*240mm	
Gross Weight	3.3Kg	

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Dispensing Peristaltic Pump



DPP-100-BF/ DPP-300-BF



DPP-600-BF

Features:

* Direction control, reverse direction.
* With fast cleaning, emptying function, back suction function, prevent liquid dripping.
* LCD display.
* The function of communicating with the upper computer or computer.
* Distribution function includes distribution liquid quantity, distribution times, time interval and other functions.
* Automatic storage of various user parameters.
* Can be calibrated for flow and distribution fluid volume to improve accuracy.
* Forced air cooling heat dissipation, to ensure the normal use of products.

Technical Parameters:

Model	DPP-100-BF	DPP-300-BF	DPP-600-BF
Speed Range	0.1-100rpm	0.1-300rpm	0.1-600rpm
Speed Resolution	0.1rpm	0.1rpm	0.1rpm
Flow Range	0.16μL/min～500mL/min	1.6μL/min～1.5L/min	0.052-3000ml/min
Dispensed Fluid Volume	0.01mL～9.99L	0.01mL～99.99L	
Dispensed Number	0～9999		
Dispensing Interval Time	0.1s～99.9min		
Suction Back Time	0～99.9s		
External Control Input	4～20Ma, 0～5V，0～10V，0～10KHz Flow control, forward and reverse, start and stop control		
External Control Output	Start/stop, direction signal, speed signal		
Power Supply	90～264V 50Hz/60Hz		
Power	＜40W	＜60W	＜140W
Working Condition	Ambient temperature：0～40℃; Relative Humidity：＜80%		
Protection Class	IP31		
Adjustable Pump Head	YZ15A、YZ25、YZⅡ15、YZⅡ25、DG-1、DG-2、DG-4		
Operation Method	Mechanical buttons and knob coding switches complete all operations		
Direction Control	Reversible in both directions		
Full Speed Function	Quick cleaning and emptying function		
Back Suction Function	Prevent liquid from dripping		
Display	128*64 dot matrix Chinese character LCD displays all information		
Communication Function	It has the function of communicating with the host computer or computer		
Flow Function	It can deliver liquid according to the set flow rate		
Distribution Function	Including the functions of dispensing liquid volume, dispensing times, time interval, etc.		
Standard Accessories	YZ15A pump head, 2 meters of 14# pump tube		
Optional Accessories	Foot switch, 4~20mA, 0~5V, 0~10V, 0~10KHz external control		
External Size	300*171*189mm		330*250*190mm
Net Weight	3.2kg		5.0kg
Packing Size	390*340*240mm		450*390*270mm
Gross Weight	4.1Kg		6.8kg

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