

Industrial Peristaltic Pump

G300-1E/G300-1J/G600-1J-1

Flow Rate



With good electromagnetic compatibility, the pump will not behave unacceptably in the EMI environment and will not interfere with other electronic equipment. Using aluminium alloy housing with anti-corrosion paint treatment, the pump has good corrosive resistance and longer life time in corrosive environment. With high IP rating, the pump could be used in wet and dusty environment. LCD with specially designed run screen displays parameters and running status, which provides enough information for correct operation.

PERISTALTIC PUMP

Specifications	Model	G300-1E	G300-1J	G600-1J-1
Speed Range		0rpm-300rpm, CW/CCW		0rpm-600rpm, CW/CCW
Speed resolution		1rpm		
Display		LCD		
Control mode		Keypad control, external signal control and communication control		
External control		Start/stop control, direction control: switch signal (dry contact). Speed control: 0-5V,0-10V,4-20mA,0-10kHz are optional with uniform interface, and max speed can be set.		
Max speed setting range in external control mode		30rpm-300rpm	60rpm-600rpm	
Communication Control		RS485 interface, Longer protocol or Modbus protocol, the communication parameters (baud rate, parity, stop bit) can be set through keypad.		
Parameter memory		Operating parameters will be saved automatically		
Pump state when power up		The pump state when power up could be set as stop or as the state before power loss		
Prime		Fast filling or emptying at full speed		
EMC		Comply with EMC Directive 2014/30/EU		
Keypad lock function		Keypad can be locked to prevent the misoperation		
Dimension(L x W x H)		240mm x 142mm x 152mm		240mm x 211mm x 155mm (including the external power supply and mounting bracket)
Power supply		AC90V-260V/20W, 50/60Hz	AC100V-240V/60W, 50/60Hz	AC100V~240V/100W, 50/60Hz
Operating temperature		0°C ~ 40°C		
Relative humidity		<90%		
IP rating		IP65		
Weight		3.64kg	5.56kg(including the external power supply and mounting bracket)	

Pump Head Options



YZ1515x
YZ2515x



YZ1115
YZ1125



FG15-13
FG25-13



DMD15-13-B
DMD15-13-D



BZ25
BZ15



DG15-24



Note: Only recommend silicone tubing for G300-1E

Pump Head	Tubing	Max Flow Rate Reference (mL/min)			Pump Head Weight(kg)
		G300-1E	G300-1J	G600-1J-1	
YZ1515x, YZ1115	13" 14" 19" 16" 25" 17" 18"	1100			0.4
YZ2515x	15" 24"	800			0.4
YZ1125	15" 24" 35" 36"(36"not for G300-1E)	1100	1500	3000	0.4
FG15-13	13" 14" 19" 16" 25" 17" 18"(17" 18"not for G300-1E)	690	1200	2400	0.28
FG25-13	15" 24"	N/A	1100	2200	0.28
DMD15-13-B DMD15-13-D	2 x 13" 2 x 14" 2 x 19" 2 x 16" 2 x 25"	1035			0.43
BZ15-13-A	14"	75	150		0.31
BZ15-13-B	16"	230	460		0.31
BZ15-13-C	25"	480	960		0.31
BZ15-13-D	17"	800	1600		0.31
BZ25-13-B	24"	800	1600		0.31
DG15-24	16" 25" 17"	900(single channel)		1800(single channel)	0.82