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.

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℃ ~ 40℃		
Relative humidity	<90%		
IP rating	IP65		
Weight	3.64kg		5.56kg(including the external power supply and mounting bracket)

Pump Head Options


YZ1515x
YZ2515x


YZII15
YZII25


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) G300-1E	G300-1J	G600-1J-1	Pump Head Weight(kg)
YZ1515x, YZII15	13# 14# 19# 16# 25# 17# 18#	1100		2200	0.4
YZ2515x	15# 24#	800		1600	0.4
YZII25	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	2×13# 2×14# 2×19# 2×16# 2×25#	1035		2070	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

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