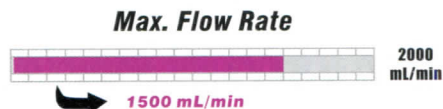


Industrial Peristaltic Pump

G300-1E, G300-1J



Compact structure, small size.

Using aluminium alloy housing with anti-corrosion paint treatment, the pump has good corrosive resistance and longer life time in corrosive environments.

With good electromagnetic compatibility, the pump will not behave unacceptably in an EMI environment and will not interfere with other electronic equipment.

With high IP rating, the pump could be used in wet and dusty environments.

Using high quality electronic components, optimized software design and circuit design, the pump provides long-term reliable and stable operation.

LCD with specially designed run screen displays parameters and running status, which provides enough information for correct operation.



Speed	0rpm-300rpm, CW/CCW.
Speed resolution	1rpm
Display	LCD
Control mode	Keypad control, external signal control and communication control are available.
External control	Start/stop control, direction control: voltage level signal or switch signal are optional.
Communication control	Speed control: 0-5V, 0-10V, 4-20mA, 0-10kHz are optional with uniform interface, max speed can be set between 30rpm and 300rpm.
Parameter memory	RS485 interface, Longer protocol or Modbus protocol, the communication parameters (address, baud rate, parity, stop bit) can be set through keypad.
Pump status when powered up	Operating parameters will be saved automatically
Prime	The pump status when powered up could be set as stop or as the status before power loss.
EMC	Fast filling or emptying at full speed
Keypad lock function	Comply with EMC Directive 2014/30/EU
Dimension(L×W×H)	Keypad can be locked to prevent the misoperation. The delay time before lock is settable.
Power supply	235 × 142 × 152(mm)
Operating temperature	G300-1E: AC100V ~ 240V/50W, 50 ~ 60Hz
Relative humidity	G300-1J: AC100V ~ 240V/60W, 50 ~ 60Hz
IP rating	0 to 40°C
Weight	10%-90%
	IP65
	3.64kg



Pump Head	Pump Head Weight(kg)	G300-1E (05.02.22A)		G300-1J (05.02.21A)	
		Tubing	Max. Flow Rate(mL/min)	Tubing	Max. Flow Rate(mL/min)
YZ1515X, YZ1115	4.04	13" 14" 19" 16" 25" 17" 18"	1100	13" 14" 19" 16" 25" 17" 18"	1100
YZ2515X		15" 24"	800	15" 24"	800
YZ1125		15" 24" 35"	1100	15" 24" 35" 36"	1500
FG15-13-B	3.92	13" 14" 19" 16" 25"	690	13" 14" 19" 16" 25" 17" 18"	1200
FG25-13-B		Not recommended	N/A	15" 24"	1100
DMD15-13-B	4.07	2×13" 2×14" 2×19"	1035	2×13" 2×14" 2×19"	1035
DMD15-13-D		2×16" 2×25"		2×16" 2×25"	
BZ15-13-A	3.95	14"	75	14"	75
BZ15-13-B		16"	230	16"	230
BZ15-13-C		25"	480	25"	480
BZ15-13-D		17"	800	17"	800
BZ25-13-B		24"	800	24"	800
DG15-24	4.46	16" 25" 17"	900(Single Channel)	16" 25" 17"	900(Single Channel)

Note: Only recommend silicone tubing for G300-1E.

Tel: 86 - 312 - 3110087

Fax: 86 - 312 - 3168553

Internet
www.longerpump.com

Email: longer@longerpump.com