# Industrial Peristaltic Pump

## G100-1J

**Max. Flow Rate**

1000 mL/min

500 mL/min




*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-100rpm, CW/CCW. |
| Speed resolution | 0.1rpm |
| Display | LCD |
| Control mode | Keypad control, external signal control and communication control are available. |
| 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, max speed can be set between 10rpm and 100rpm. |
| 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 status when powered up | The pump status when powered up could be set as stop or as the status 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×W×H) | 240×142×152 ( mm ) |
| Power supply | AC90V-260V/20W, 50/60Hz. |
| Operating temperature | 0 to 40°C |
| Relative humidity | ＜90% |
| IP rating | IP65 |
| Weight | 3.64kg |

CE INDUSTRIAL

**Pump Head Options**


YZ1515x
YZ2515x


YZII15
YZII25


DG-1


DG-2 DG-6
DG-4 DG-8


FG15-13
FG25-13


DMD15-13-B
DMD15-13-D


BZ25
BZ15


DG15-24
DG15-28

| Model | Product Code | Pump Head | Tubing | Max. Flow Rate (mL/min) | Weight(kg) |
|---|---|---|---|---|---|
| G100-1J | 05.02.20A | YZ1515x, YZII15 | 13# 14# 19# 16# 25# 17# 18# | 380 | 4.04 |
| | | YZ2515x | 15# 24# | 270 | |
| | | YZII25 | 15# 24# 35# 36# | 500 | |
| | | FG15-13-B | 13# 14# 19# 16# 25# 17# 18# | 430 | 3.92 |
| | | FG25-13-B | 15# 24# | 320 | |
| | | DMD15-13-B | 2×13# 2×14# 2×19# 2×16# 2×25# | 375 | 4.07 |
| | | DMD15-13-D | | | |
| | | BZ15-13-A | 14# | 22 | 3.95 |
| | | BZ15-13-B | 16# | 80 | |
| | | BZ15-13-C | 25# | 150 | |
| | | BZ15-13-D | 17# | 270 | |
| | | BZ25-13-B | 24# | 250 | |
| | | DG15-24 | 16# 25# 17# | 300(Single Channel) | 4.46 |
| | | DG15-28 | 13# 14# ID≤3.17mm Wall Thickness 0.8-1mm | 75(Single Channel) | 4.31 |
| | | DG-(1,2,4,6,8)6 Rollers | ID≤3.17mm Wall Thickness 0.8-1mm | 48(Single Channel) | 3.84-3.91 |
| | | DG-(1,2,4)10 Rollers | | 32(Single Channel) | |


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