

Industrial Peristaltic Pump

G100-1L, G300-1L, G600-1L



IP66 **CE** **UK**
CA

- Die-cast aluminum housing with powder coat for good corrosion protection
- Waterproof breathable design, enhanced sealing performance, IP66 protection for wet and dusty environment
- Multiple work modes: continuous transfer, timed transfer, volume transfer, for various applications

| | G100-1L | G300-1L | G600-1L |
|-----------------------------|---|--------------------------------|----------------------------------|
| Product code | 05.02.24A | 05.02.25A | 05.02.26A |
| Speed range | 0, 0.01-150 (rpm) | 0, 0.01-350 (rpm) | 0, 0.01-650 (rpm) |
| Speed resolution | 0.01rpm(< 10rpm) | 0.1rpm(10rpm ≤ speed < 100rpm) | 1rpm(100rpm ≤ speed ≤ Max speed) |
| Flow rate range | 0.15uL/min-750mL/min | 0.15uL/min-1750mL/min | 0.15uL/min-3250mL/min |
| Display | LCD for speed, flow rate, running time, dispensed volume, and other setting parameters | | |
| Work mode | continuous transfer, timed transfer, volume transfer | | |
| Calibration | Improve the flow rate and dispensing volume accuracy | | |
| Control mode | Keypad control, footswitch control, external signal control and communication control | | |
| External control | Start/stop control, direction control: logic level signal or switch signal (dry contact), momentary or maintained trigger mode can be configured Speed control: 0-5V/0-10V/4-20mA/0-10kHz with uniform interface, speed range/signal range can be configured | | |
| Communication control | RS485 interface, Modbus RTU and Longer Pump OEM protocol, communication parameters can be configured | | |
| Keypad lock | Keypad can be locked to prevent misoperation, the delay time before lock can be configured | | |
| Parameter memory | Running parameters and system parameters can be saved automatically | | |
| Pump status when powered up | The pump status when powered up can be set to stop or the status before power-off | | |
| Prime | Fast filling or emptying at full speed | | |
| Certificate | CE, UKCA EMC: EN IEC61000-6-2:2019 EN IEC61000-6-4:2019 LVD: EN 61010-1:2010/A1:2019 EN 61010-1:2010/A1:2019 | | |
| Dimension (LxWxH) | 240*142*152(mm) | | |
| Power supply | AC100-240V 50Hz/60Hz | | |
| Power consumption | 25W | 40W | 60W |
| Working condition | Environment temperature: 0°C-40°C, relative humidity: 10%-90% | | |
| IP rating | IP66 | | |
| Weight | 3.64kg | 3.75kg | 3.75kg |

| Pump Head | Tubing | Max Flow Rate Reference (mL/min) | | |
|----------------------------|---------------------------------------|-----------------------------------|----------------------|---------------------------|
| | | G100-1L | G300-1L | G600-1L |
| dPOFLEX [®] BPH01 | 13#,14#,19#,16#,25# | 130 | 300 | 530(@600rpm intermittent) |
| YZ1515x, YZ1115 | 13#,14#,19#,16#,25#,17#,18# | 570 | 1280 | 2380 |
| YZ2515x | 15#,24# | 400 | 930 | 1730 |
| YZ1125 | 15#,24#,35#,36# | 750 | 1750 | 3250 |
| FG15-13 | 13#,14#,19#,16#,25#,17#,18# | 645 | 1400 | 2600 |
| FG25-13 | 15#, 24# | 480 | 1280 | 2380 |
| DMD15-13 | 2x13#, 2x14#, 2x19#, 2x16#, 2x25# | 560 | 1200 | 2500 |
| DG15-24 | 16#,25#,17# | 450(single channel) | 1050(single channel) | 1900(single channel) |
| DG15-28 | 13#,14# ID≤ 3.17mm,wall thickness:1mm | 75 (single channel, speed≤100rpm) | | |
| DG-(1,2,4,6,8) 6 rollers | ID≤ 3.17mm Wall thickness:0.8-1mm | 48 (single channel, speed≤100rpm) | | |
| DG-(1,2,4) 10 rollers | ID≤ 3.17mm Wall thickness:0.8-1mm | 32 (single channel, speed≤100rpm) | | |

