

## Intelligent Flow Rate Peristaltic Pump FPP Series



### Features:

- \* Storage function——user data storage function:(9 sets of filling data) , support RS485/MODBUS communication protocol, analog control ((0-5V, 0-10V, 4-20mA...)).
- \* External control function——Multiple mode selection: communication mode, analog mode, foot switch control. Provide customized services.
- \* Memory function——data will be stored in time after power off.
- \* Calibration function——intelligent flow calibration: after setting the target flow, input the actual flow value, and the system will automatically carry out flow calibration to ensure the flow accuracy.
- \* Full speed function——one button to control full speed operation, used for quick cleaning, filling and emptying tubes, etc
- \* Suckback function——By setting Suckback angle and Suckback speed to prevent liquid dripping and ensure fluid accuracy.
- \* Lock screen function——lock screen design, error proof touch, application more secure.
- \* LCD touch screen, real-time display of operation status and working parameters.
- \* Whole housing design-stainless steel housing, sturdy and durable , multi-face seamless whole housing design, Long service life, high cost performance.

### Technical Parameters:

| Model                    | FPP-BT100LC   | FPP-BT300LC            | FPP-BT600LC            |
|--------------------------|---|------------------------|------------------------|
| Pump Head                | YZ1515x, YZ2515x, DG series(only FPP-BT100LC)               |                        |                        |
| Speed Range              | 0.1-100rpm(Reversible)                                      | 0.1-300rpm(Reversible) | 0.1-600rpm(Reversible) |
| Speed Resolution         | 0.1rpm  |                        |                        |
| Flow Range               | 0.0015-380ml/min  | 0.007-1140ml/min       | 0.007-2280ml/min       |
| Filling Precision        | <±0.5%  |                        |                        |
| Display                  | LCD   |                        |                        |
| Back Suction Angle       | 10°~720°  |                        |                        |
| Back Suction Speed       | 10~100rpm   | 10~300rpm              |                        |
| Optional Accessory       | Foot switch   |                        |                        |
| Environmental Conditions | Temperature: 0 ~ 40 °C;<br>Humidity: < 80%, no condensation |                        |                        |
| Consumption              | 22W   | 35W                    | 50W                    |
| Power Supply             | AC110/220V±10%, 50/60Hz                                     |                        |                        |
| Instrument Size(W*D*H)   | 212*140*240mm   |                        |                        |
| Package Size(W*D*H)      | 363*253*353mm   |                        |                        |
| Gross Weight             | 6kg   |                        | 6.9kg                  |

### Pump Head:



YZ1515X

DG Series

YZ2515X

### Pump Parameters:

| Standard Peristaltic Pump SPP Series | Model     | FPP-BT100LC                  | FPP-BT300LC     | FPP-BT600LC             |
|--------------------------------------|-----------|------------------------------|-----------------|-------------------------|
|                                      |           | Tubing                       | Speed Range     | 0.1-100rpm (Reversible) |
| Pump Head& Single channel flow       | YZ1515x   | 13#,14#,19#, 16#,25#,17#,18# | 0.007-380ml/min | 0.007-1140ml/min        |
|                                      | YZ2515x   | 15#,24#                      | 0.17-290ml/min  | 0.17-870ml/min          |
|                                      | 2*YZ1515x | 13#,14#,19#, 16#,25#,17#,18# | 0.007-380ml/min | 0.007-1140ml/min        |
|                                      | 2*YZ2515x | 15#,24#                      | 0.17-290ml/min  | 0.17-870ml/min          |
|                                      | DG-1(6)   |                              | 0.002~36ml/min  | / /                     |
|                                      | DG-1(10)  |                              | 0.0015~27ml/min | / /                     |
|                                      | DG-2(6)   | 0.5*0.8, 1*1, 2*1,           | 0.002~36ml/min  | / /                     |
|                                      | DG-2(10)  | 2.4*0.8, 3*1                 | 0.0015~27ml/min | / /                     |
|                                      | DG-4(6)   |                              | 0.002~36ml/min  | / /                     |
|                                      | DG-4(10)  |                              | 0.0015~27ml/min | / /                     |

Remark: Customers can choose any one model hose as the standard configuration and the standard length is 2 meters.