

## Basic Peristaltic Pump

**Model No:** LabN6

**Flow Rate:** :0.0053-2580mL/min



### Product Features

- Friendly interface, 3.2 inch big screen LCD display working parameters in real time.
- Super silent drive setting, precise control, low vibration and low noise.
- Streamlined body design, with ABS Engineering Plastic Shell and add UV Spray Coating.
- Power down memory function, store parameters in time, safe and reliable. Strong anti-jamming featurewide voltage design, suitable for complex power supply environment.
- Multi-Cycle Timed Dispensing

### Control Panel



## ■ Pump Head & Flow Rate



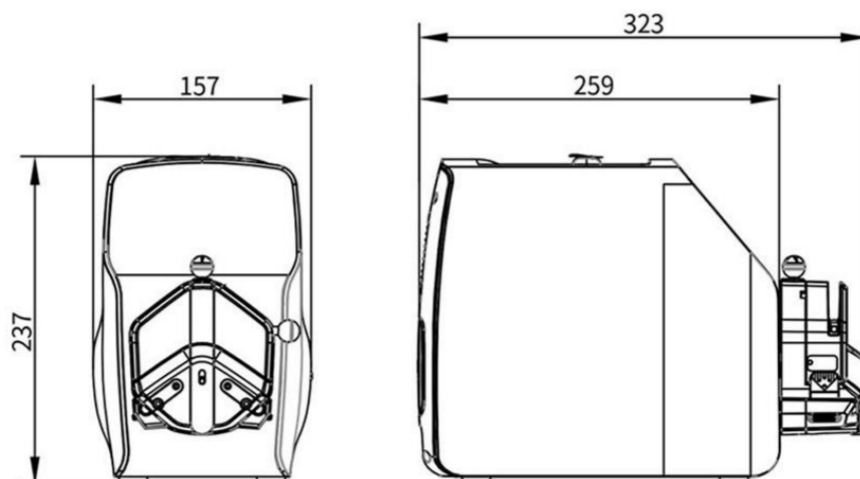
EasyPump Series



YZ Series

| Pump head       | Tubing Size                 | Speed      | Flow rate(mL/min) |
|-----------------|-----------------------------|------------|-------------------|
| EasyPumpI/III   | 13#,14#,19#,16#.25#,17#,18# | 0.1-600rpm | 0.0053-2580       |
| EasyPumpII/IV   | —                           |            | —                 |
| EasyPumpV/VI    | 13#,14#,19#,16#             |            | 0.0053-560        |
| 2*EasyPumpI/III | 13#,14#,19#,16#,25#         |            | 0.0053-1180       |
| 2*EasyPumpII/IV | —                           |            | —                 |
| 2*EasyPumpV/VI  | 13#,14#,19#,16#             |            | 0.0053-560        |
| YZ1515x         | 13#,14#,19#,16#,25#,17#,18# |            | 0.007-2280        |
| YZ2515x         | 15#,24#                     |            | 0.17-1740         |

## ■ Dimension Drawing (Unit:mm)



## ■ Technical Specifications

|                               |                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------|
| Flow rate range               | 0.0053-2580mL/min                                                               |
| Speed resolution              | 0.1rpm                                                                          |
| Back suction angle            | 0-360°                                                                          |
| Dispensing time               | 0.1s-9999h                                                                      |
| Pause time                    | 0.1s-9999h                                                                      |
| Repeat number                 | 1-9999 times, setting"0" as infinite/continuous dispensing                      |
| Display                       | 3.2" color LCD screen display                                                   |
| Motor type                    | Closed-loop stepper motor                                                       |
| Control system                | Mechanical keypad+Rotary encoded switch                                         |
| Keypad lifetime               | 300,000 times                                                                   |
| External control speed signal | 0-5V,0-10V,4-20mA for option                                                    |
| Start/stop.direction signal   | Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V  |
| Communication interface       | RS232, RS485 support Modbus protocol(RTU mode)                                  |
| Output interface              | Output motor working status (Open-Collector output)                             |
| Power supply                  | AC 220V $\pm$ 10%, 50Hz/60Hz(standard), AC 110V $\pm$ 10%, 50Hz/60Hz (optional) |
| Drive dimension               | 259x157x237mm(LxWxH)                                                            |
| Drive weight                  | 4.40kg                                                                          |
| Power consumption             | < 80W                                                                           |
| Environment temperature       | 0-40°C                                                                          |
| Relative humidity             | <80%                                                                            |

