

## Flow Rate Peristaltic Pump

**Model NO. :** M6-3L/EasyPump

**Flow Rate :** 0.0053-3100mL/min



### Product Features

Closed-loop stepper motor drive, powerful and maintenance-free.

3 digital LED display motor speed, rotary encoded switch control.

Suitable for industrial sites, transfer liquid with large flow and high precision.

## Pump Head



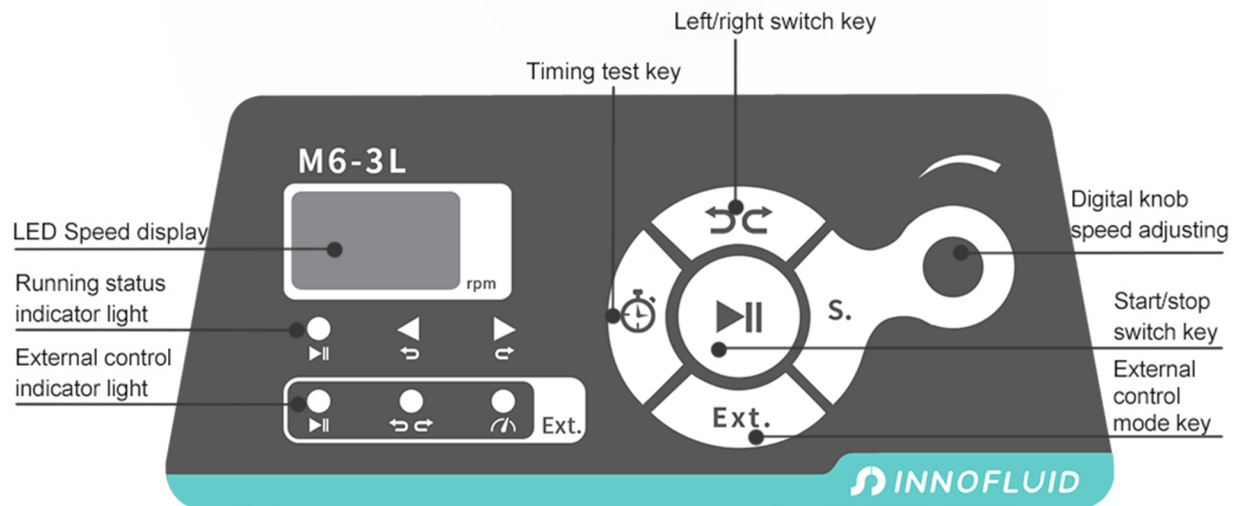
EasyPump Series(Pressure Adjustable)



EasyPump Series(Fixed Pressure)

| Pump Head                        | Tubing | ID×Wall thickness (mm) | mL/r  | Flow Rate(mL/min)<br>(0.1-600rpm) | Tubing Max.Pressure(Mpa) |            | Weight(Kg) |
|----------------------------------|--------|------------------------|-------|-----------------------------------|--------------------------|------------|------------|
|                                  |        |                        |       |                                   | Intermittent             | Continuous |            |
| Single Channel<br>EasyPump I/III | 13#    | 0.8×1.6                | 0.053 | 0.0053~32                         | 0.27                     | 0.17       | 0.6        |
|                                  | 14#    | 1.6×1.6                | 0.27  | 0.027~162                         |                          |            |            |
|                                  | 19#    | 2.4×1.6                | 0.55  | 0.055~330                         |                          |            |            |
|                                  | 16#    | 3.1×1.6                | 0.933 | 0.0933~560                        |                          |            |            |
|                                  | 25#    | 4.8×1.6                | 1.967 | 0.1967~1180                       | 0.24                     | 0.14       |            |
|                                  | 17#    | 6.4×1.6                | 3.333 | 0.3333~2000                       | 0.14                     | 0.10       |            |
|                                  | 18#    | 7.9×1.6                | 4.3   | 0.430~2580                        | 0.10                     | 0.07       |            |
| Single Channel<br>EasyPump II/IV | 15#    | 4.8×2.4                | 1.8   | 0.180~1080                        | 0.27                     | 0.17       |            |
|                                  | 24#    | 6.4×2.4                | 2.733 | 0.2733~1640                       |                          |            |            |
|                                  | 35#    | 7.9×2.4                | 3.833 | 0.3833~2300                       | 0.24                     | 0.14       |            |
|                                  | 36#    | 9.6×2.4                | 5.167 | 0.5167~3100                       |                          |            |            |
| Dual Channel<br>EasyPump V/VI    | 13#    | 0.8×1.6                | 0.053 | 0.0053~32                         | 0.27                     | 0.17       |            |
|                                  | 14#    | 1.6×1.6                | 0.27  | 0.027~162                         |                          |            |            |
|                                  | 19#    | 2.4×1.6                | 0.55  | 0.055~330                         |                          |            |            |
|                                  | 16#    | 3.1×1.6                | 0.933 | 0.0933~560                        |                          |            |            |
|                                  | 25#    | 4.8×1.6                | 1.967 | 0.1967~1180                       | 0.24                     | 0.14       |            |

## Screen Display



## Technical Specifications

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| Flow rate range               | 0.0053~3100 mL/min                                                             |
| Speed range                   | 0.1-600 rpm                                                                    |
| Flow rate accuracy            | <±0.5%                                                                         |
| Speed resolution              | 0.1rpm                                                                         |
| Dispensing function           | 0.1s~9999h                                                                     |
| Back suction angle            | 0-360°                                                                         |
| Motor type                    | Closed-loop stepper motor                                                      |
| Control method                | Mechanical keypad+Digital knob                                                 |
| Display                       | 3.2" high definition LCD screen                                                |
| Start/stop, direction signal  | Passive switch signal, such as foot pedal switch; Active switch signal: 5V-24V |
| External speed control signal | 0-5V,0-10V,4-20mA for option                                                   |
| Output interface              | Output motor working status(Open-Collector output)                             |
| Power supply                  | AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)              |
| Communication interface       | RS232, RS485 support MODBUS protocol(RTU mode)                                 |
| Drive dimension               | 223×152×230mm(L×W×H)                                                           |
| Drive weight                  | 5.06kg                                                                         |
| Power consumption             | <80W                                                                           |
| Condition temperature         | 0-40°C                                                                         |
| Relative humidity             | <80%                                                                           |

## Dimension Drawing(Unit: mm)

