

Basic Peristaltic Pump



Features

- Servo 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.

Model Number

- M6-3L/EasyPump
- M6-3L/DZ25-3L
- M6-6L/DZ25-6L
- M6-12L/YZ35

Technical Specifications

| | | | |
|-------------------------------|---|------------------------------|--|
| Flow rate range | M6-3L: 0.0053~3600 mL/min M6-6L: 0.3~6000 mL/min M6-12L: 0.00069~12 L/min | Start/stop, direction signal | Passive switch signal, such as foot pedal Active switch signal: 24V default |
| Speed resolution | 0.1-600 rpm | Communication interface | RS232, RS485 Modbus protocol(RTU mode) |
| Speed range | 0-100rpm, 0.1rpm; 100-600rpm, 1rpm. | Power supply | AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional) |
| Flow rate accuracy | <±0.5% | Drive dimension (L×W×H) | M6-3L: 223×152×199mm M6-6L: 283×192×274mm M6-12L: 302×222×331mm |
| Motor type | Servo motor | Drive weight | M6-3L: 5.02kg; M6-6L: 7.85kg M6-12L: 13.14kg |
| Display | 3 digital LED | Power consumption | M6-3L: <80W; M6-6L:<180W M6-12L: <300W |
| Control method | Mechanical keypad | Condition temperature | 0-40°C |
| Keypad lifetime | 300,000 times | Relative humidity | <80% |
| Speed control | Rotary encoded switch | | |
| External speed control signal | 0-5V, 0-10V, 4-20mA | | |
| IP rate | IP31 | | |

Product Composition and Flow Rate Range

| Drive | Motor Type | Pump Head | Tubing Size | Speed Range(rpm) | Flow Rate(mL/min) |
|--------|---------------------------|-----------|------------------------------|------------------|-------------------|
| M6-3L | Closed-loop stepper motor | EasyPump | 13#, 14#, 19#, 16#, 25#, 17# | 0.1-600 | 0.0053~3100 |
| | | | 18#, 15#, 24#, 35#, 36# | | 0.211~3600 |
| M6-6L | | DZ25-3L | 15#, 24#, 35#, 36# | | 0.3~6000 |
| M6-12L | | DZ25-6L | 15#, 24#, 35#, 36# | | 0.69~12000 |
| | | YZ35 | 26#, 73#, 82# | | |

