



Basic Peristaltic Pump

Model No. : LabM1

Flow Rate : 0.0002-570mL/min



Product Features

3 digital LED display motor speed, mechanical keypad control.

Timing function, the time range of 0.5 seconds -999 seconds can be used as a simple dispensing.

Support RS232 and RS485 communication, Modbus protocol.

Screen Display





Pump Head



AMC Series



YZ Series

| Drive&Speed | Pump Head | Tubing Size | Flow Rate(mL/min) |
|---------------------|----------------|--|--|
| LabM1 0.1-150rpm | AMC1-AMC12(10) | Inner diameter:0.13~3mm Wall thickness: 0.8~1mm | 0.0002-48(suggestion working speeds \leq 150rpm) |
| | AMC1-AMC12(6) | | 0.0002-65(suggestion working speeds \leq 150rpm) |
| | YZ1515x | 13#, 14#, 19#, 16#, 25#, 17#, 18# | 0.007-570 |
| | YZ2515x | 15#, 24# | 0.17-435 |



Technical Specifications

| | | | |
|-------------------------------|------------------------------------|------------------------------|---|
| Flow rate range | 0.0002~570 mL/min | Start/stop, direction signal | Passive switch signal, such as foot pedal; Active switch signal: 5V-24V universal |
| Speed range | 0.1-150rpm | | |
| Speed resolution | 0.1rpm when the speed is 0-100rpm, | Communication interface | RS232, RS485 support MODBUS protocol (RTU mode) |
| | 1rpm when the speed is 100-600rpm. | | |
| Testing time range | 0.5 s-999s | Power supply | AC 220V±10% 50Hz/60Hz (standard) |
| Motor type | Closed-loop stepper motor | | AC 110V±10% 50Hz/60Hz (optional) |
| Display | 3 digital LED | Drive dimension(L×W×H) | 261.4×157.3×236.9 mm |
| Control method | Mechanical keypad | Drive weight | 4.40 kg |
| Keypad lifetime | 300,000 times | Power consumption | <80W |
| External speed control signal | 0-5V, 4-20mA, 0-10V | Condition temperature | 0-40°C |
| | | Relative humidity | <80% |

Dimension Drawing (Unit:mm)

