# Flow Rate Peristaltic Pump

**Model NO. :** N6-6L
**Flow Rate :** 0.3-6000mL/min






## Product Introduction

The closed-loop stepper motor drives a standard industrial perstaltic pump, using a 3.2-inch true color LCD display. The flow rate and speed are displayed on the same screen. The knob speed adjustment + pure imported keys; speed range: 0.1-600 rpm, flow range: 0.3-6000 ml 1 min; It can be applied to a variety of pump heads and various external control methods. It supports RS232 / RS485 communication and standard Modbus communication protocol (RTU mode). It is suitable for industrial sites with large flow, wide range and high-precision liquid transmission.

## Product Features

3.2" LCD display.
Ultra-quiet drive setting, precise control, small vibration and low noise.
Imported button control, menu interface, convenient for users to set various parameters at any time.
With timing dispensing function, various external control functions.

## Pump Head



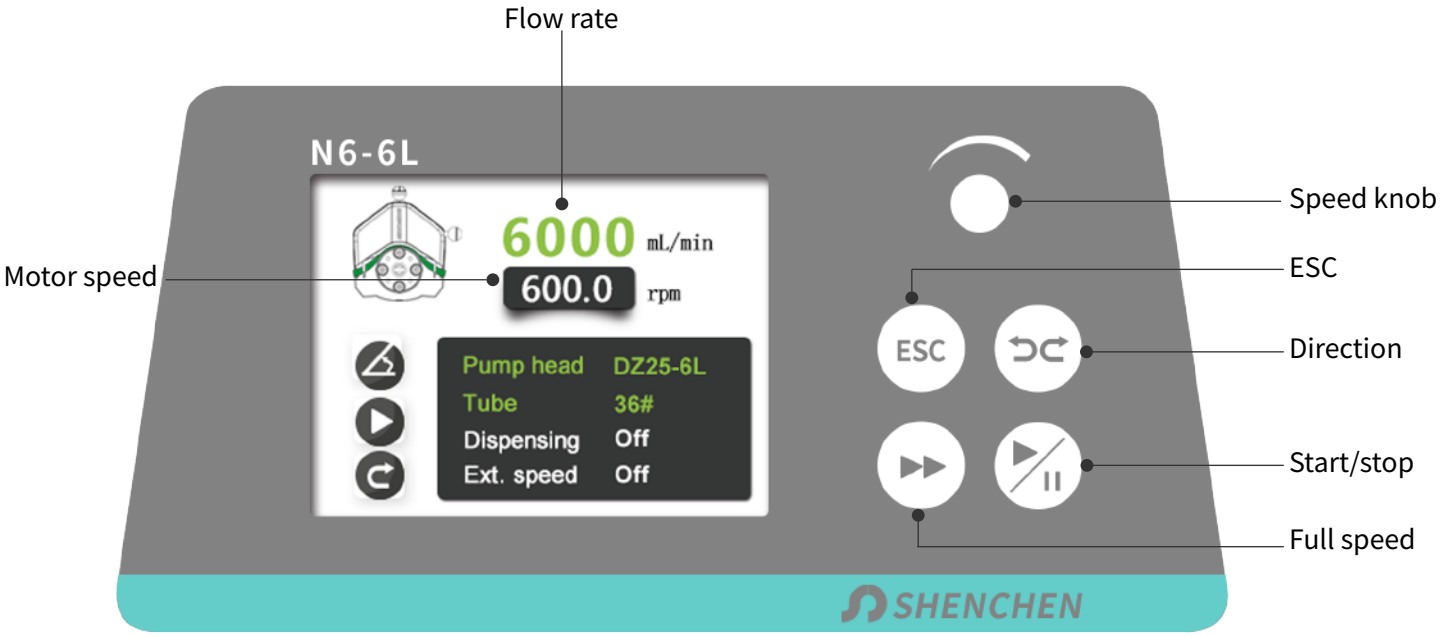
DZ25-6L(PPS)



DZ25-6L(Aluminium Alloy)

| Drive | Motor Type | Pump Head | Tubing Size | Speed Range(rpm) | Flow Rate(mL/min) |
|---|---|---|---|---|---|
| N6-6L | Closed-loop stepper motor | DZ25-6L | 15#, 24#, 35#, 36# | 0.1-600 | 0.3~6000 |

## Screen Display



## Technical Specifications

| | |
|---|---|
| Flow rate range | 0.3~6000 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 | 283×192×264mm(L×W×H) |
| Drive weight | 7.88kg |
| Power consumption | <180W |
| Condition temperature | 0-40°C |
| Relative humidity | <80% |

## Dimension Drawing(Unit: mm)

