

## Standard 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

- N6-3L/DZ25-3L
- N6-6L/DZ25-6L
- N6-12L/YZ35

### Technical Specifications

Flow rate range	N6-3L: 0.211~3600 mL/min N6-6L: 0.3~6000 mL/min N6-12L: 0.00069~12 L/min	Communication interface	RS232(standard), Shenchen-N232 Communication protocol; RS485(optional), Modbus protocol(RTU mode)
Speed range	0.1-600 rpm	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Speed resolution	0-100rpm, 0.1rpm; 100-600rpm, 1rpm.	Drive dimension (L×W×H)	N6-3L: 223×152×168mm N6-6L: 283×192×218mm N6-12L: 302×222×275mm
Flow rate accuracy	<±0.5%	Drive weight	N6-3L: 5.02kg; N6-6L: 7.85kg N6-12L: 13.14kg
Outlet pressure	0.3Mpa	Power consumption	N6-3L: <80W; N6-6L: <180W N6-12L: <300W
Motor type	Servo motor	Condition temperature	0-40°C
Display	3 digital LED	Relative humidity	<80%
Control method	Mechanical keypad	IP rate	IP31
Keypad lifetime	300,000 times		
Speed control	Rotary encoded switch		
Start/stop, direction signal	Passive switch signal, such as foot pedal Active switch signal: 24V default		
External speed control signal	0-5V(standard), 0-10V, 4-20mA(optional)		

### Product Composition and Flow Rate Range

Drive	Motor Type	Pump Head	Tubing Size	Speed Range	Flow Rate(mL/min)
N6-3L	Servo Motor	DZ25-3L	15", 24", 35", 36"	0.1-600 (rpm)	0.211~3600
N6-6L		DZ25-6L	15", 24", 35", 36"		0.3~6000
N6-12L		YZ35	26", 73", 82"		0.69~12000

