Flow Rate Peristaltic Pump

Model NO. : N6-12L
Flow Rate : 0.69-12000mL/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: 0.69-12000 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



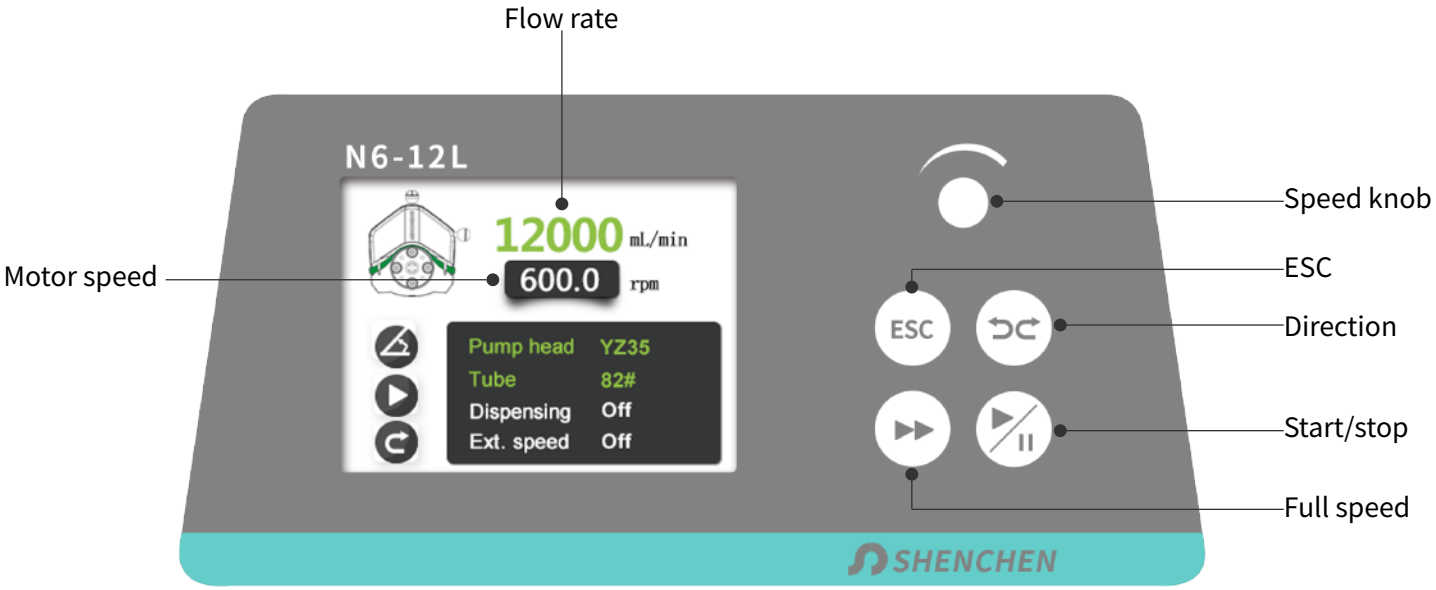
YZ35 (PPS)



YZ35 (Aluminum Alloy)

Drive	Motor Type	Pump Head	Tubing Size	Speed Range(rpm)	Flow Rate(mL/min)
N6-12L	Closed-loop stepper motor	YZ35	26#, 73#, 82#	0.1-600	0.69~12000

Screen Display



Technical Specifications

Flow rate range	0.69~12000 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	302×222×321mm(L×W×H)
Drive weight	13.01kg
Power consumption	<300W
Condition temperature	0-40°C
Relative humidity	<80%

Dimension Drawing(Unit: mm)

