

**Model No: SP-MiniPump****Flow Rate : 0.0024-190mL/min****Product Features**

- 304 stainless steel housing, resisting corrosion, space-saved.
- OLED screen, display the current motor speed and working status.
- Digital knob control speed, toggle switch control direction and start/stop.
- Various external control functions, support RS485 standard MODBUS protocol.

Technical Specifications

Flow rate range	0.0024~190 mL/min	Communication interface	RS232, RS485 support MODBUS protocol (RTU mode)
Speed range	0.1~300 rpm		
Speed resolution	0.1rpm	Power supply	24V/1.25A DC power
Speed control	Digital knob control speed	Drive dimension	136×113×108 mm (L×W×H)
Motor type	Stepper motor	Weight	1.64kg
Display	OLED display	Power consumption	<30W
External control	Start/Stop control (switch signal) 0-5V, 4-20mA(standard), 0-10V(optional)	Condition temperature	0-40°C
		Relative humidity	<80%

Model	Pump Head	Speed(rpm)	Tubing Size (ID×Wall Thickness(mm))	Flow Rate(mL/min)
SP-MiniPump	MiniPump01	0.1~300	13#	0.0024-8.28
			14#	0.0112-33.88
			19#	0.0252-77.23
			16#	0.0394-114.31
			25#	0.0652-190.00
	MiniPump01/ MiniPump02	0.1~300	1*1	0.005-15.01
			2*1	0.018-54.63
			2.5*1	0.0256-76.84
			3*1	0.0356-108.39



■ ■ ■ Dimension Drawing (Unit:mm)

