



PERPIN2 Intelligent Flow Peristaltic Pump from 0.0001-750mL/min

 0,1-150 min⁻¹

Max. 4 channels

Download
Catalogue



Price - €

PERPIN2 Intelligent peristaltic pump provides flow range from 0.0001 to 750 mL/min with variable pump heads and tubing. It offers intuitive and clear interface with OLED display. Easy dispensing function, it realizes the repeat timig quantitative dispensing. The system minimizes working noise due to the intelligent cooling fan control. With RS485 MODBUS interface, the pump is easy to communicate with external device, such as PC, HMI or PLC.



External foot switch can control start-stop or time dispensing can control start-stop and realize simple dispensing filling function



With RS485 MODBUS interface, easy to communicate with external device.



Easy to clean, resistant to the corrosion of the acid, alkali, sodium and organic solvents.

Specifications:

- Flow range: 0.0001-750 mL/min
- Speed range: 0.1-150 min⁻¹
- Speed resolution: ± 0.1 min⁻¹
- Flow accuracy: $< \pm 0.2\%$
- Power supply: 100/240V, 50/60Hz
- Power consumption: 10W
- External logic level control signal: 5V, 12V (standard), 24V (optional)
- External analogue control signal: 0-5V (standard), 0-10V, 4-20mA (optional)
- Communication interface: RS485 MODBUS
- Operating condition: Temperature 0-40°C
- Relative humidity $< 80\%$
- IP grade: IP31
- Dimensions (L x W x H): 180 x 115 x 125 mm
- Weight: 0.8 kg

- Stable flow with flow rate calibration
- Compact design and low power consumption.
- Reversible direction, start/stop and adjustable speed.
- OLED Flow rate display and control; Cumulative dispense volume display.
- Anti-drip function ensures dispense accuracy.
- Precise motor control technology improves dispense accuracy compared to the traditional time dispense mode.
- Professional operating system, configure system with setup wizard.
- Intelligent temperature control to minimize working noise.
- External logic level signal can control start/stop, direction and easy dispense function; external analogue signal can adjust the rotating speed. Control signal is optically isolated.
- With RS485 MODBUS interface, easy to communicate with external device.
- Internal double-layer isolation structure, circuit board with conformal coating makes the pump dust-proof and moisture proof.
- Anti-electromagnetic interference feature, wide input voltage range for complex power environment.
- ABS housing, easy to clean and corrosion resistant.
- Various types of easily interchangeable pump heads with drive multi-channels.
- Includes: Pump head, connectors (3mm/5mm inner/outer diameter), hose (1mm and 2mm diameter with connectors)

Pump Type	Pump Head	Chanel	Tubing Size	Flow rate (mL/min) per channel
PERPIN2 Intelligent Stainless Steel Housing Touch Screen	DG6-1/DS6-1	1	Wall 0.8~1, ID≤3.17	0.00016~49
	DG10-1/DS10-1	1	Wall 0.8~1, ID≤3.17	0.00011~32
	DG6-2/DS6-2	2	Wall 0.8~1, ID≤3.17	0.00016~49
	DG10-2/DS10-2	2	Wall 0.8~1, ID≤3.17	0.00011~32
	DG6-4/DS6-4	4	Wall 0.8~1, ID≤3.17	0.00016~49
	DG10-4/DS10-4	4	Wall 0.8~1, ID≤3.17	0.00011~32
	DT10-18	1	13#14#, Wall 0.8~1, ID≤3.17	0.00023~64
	DT10-28	2	13#14#, Wall 0.8~1, ID≤3.17	0.00023~64
	YZ15/YZ15T	1	13#14#19#16#25#17#18#	0.005~641
	2×YZ15/YZ15T	2	13#14#19#16#25#17#18#	0.005~641
	YT25	1	114#116#15#24#35#36#	0.024~750

OPTIONAL



Tubing Connector



Hand Dispenser



Foot Pedal Switch

And more...