




PERPIN2 Intelligent Flow Peristaltic Pump from 0.006-1700mL/min

 0,1-600 rpm

Max. 2 channels

Download
Catalogue



Price - €

PERPIN2 Intelligent peristaltic pump provides flow range from 0.006 to 1700 mL/min with variable pump heads and tubing. It offers not only intuitive and clear interface with color LCD touch screen.. There are four operation modes available: Volume Dispense Mode, Time Dispense Mode, Copy Dispense Mode and Flow Mode, but also advanced features such as flow rate calibration and anti-drip function for accurate flow transfer. Easy Dispense Mode is available to dispense the recorded volume by pressing the Dispense key or using a footswitch. 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.

Specifications:

- Flow range: 0.006-2900 mL/min
- Speed range: 0.1-600 rpm
- Speed resolution: 0.1 rpm
- Speed accuracy: 0.2%
- Delayed start up time: 1s-999h
- Delayed stop time: 1s-999h
- Dispensing time: 0.1-99.99s
- Dispensing number: 1-999, 0 infinite cycle
- Dispensing interval: 0.1-999 s/min/h
- Power supply: AC220V±10% 50Hz/60Hz standard 110V 50Hz/60Hz option
- Power consumption: < 60W
- 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): 226 x150x238 mm
- Weight: 5.5kg



Signal can control start/stop, direction and easy dispense function;
External analogue signal can adjust the rotating speed



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.

- Color LCD displaying, touch screen and keypad.
- Reversible direction, start/stop and adjustable speed.
- Flow rate calibration.
- Flow rate display and control; Cumulative dispense volume display.
- Anti-drip function ensures dispense accuracy.
- 0.2% high precision rotating speed control with 0.1 rpm speed resolution.
- 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.
- Stainless steel enclosure, easy to clean, resistant to the corrosion of the acid, alkali, sodium and organic solvents.
- Drive multi-channels and various types of pump heads.
- Optional: footswitch and remote infrared control.

Pump Type	Pump Head	Chanel	Tubing Size	Flow rate (mL/min) per channel
PERPIN2 Intelligent Stainless Steel Housing Touch Screen	YZ15	1	13# 14# 16# 19# 25# 17#	0.006-1700
	YZ25	1	15# 24#	0.16-1700
	2 x YZ15	2	13# 14# 16# 19# 25# 17#	0.006-1700
	2 x YZ25	2	15# 24#	0.16-1700
	YT15	1	13# 14# 16# 19# 25# 17# 18#	0.006-2300
	YT25	1	15# 24# 35# 36#	0.16-2900
	2 x YT15	2	13# 14# 16# 19# 25# 17# 18#	0.006-2300
	2 x YT25	2	15# 24# 35# 36#	0.16-2900

OPTIONAL



Tubing Connector



Hand Dispenser



Foot Pedal Switch

And more...