

IP66 Industrial Peristaltic Pump

Model: HPM600G

Flow Rate : 0.0255-513mL/min

IP rate : IP66



■ Introduction

- The pump shell protection level is IP66, special designed for industrial environment. The pump has 6 types of sealing structures, which can withstand various harsh hot and humid environments, ensure long-term stable operation of the pump.
- Intelligent control system, support transferring and dispensing function.
- 4.3 inch touch screen, easy operation, easy parameter setting and calibration.

■ Product Features

- IP66 designed for industrial environment
- Intelligent operation system
- Circuit isolation is achieved both inside and outside the external control interface
- Aluminum alloy body with excellent heat dissipation performance
- Three levels of permissions management function
- Maximum pressure up to 0.8 MPa with stable output.

■ Control Interface



■ Pump Head



GY15

Model	Housing material	Tube clamp materia	Tubing		(Speed: 0-600rpm)	Weight(kg)
			Tubing No.	IDxWT (mm)	Flow rate range(mL/min)	
GY15	Aluminum alloy	Stainless steel	14#	1.6x1.6	0.0255-153	0.95
			19#	2.4x1.6	0.051-306	
			16#	3.1x1.6	0.0855-513	

■ Technical Parameter

EMC Standard	IEC 61000-6-2/IEC 61000-6-4/IEC 61000-3-2/IEC 61000-3-3
Housing material	Aluminum alloy
Speed range	0.1-600 rpm
Speed adjustment resolution	0.01 rpm
Display	4.3-inch industrial-grade color LCD screen
Control modes	Touch screen, mechanical keypad, external control signal control, communication control
Working modes	Transferring mode, dispensing mode (Fixed volume, dispensing, speed dispensing)
Transferring mode	Continuous operation at set flow rate and speed
Dispensing mode	Dispensing:Set volume, time, repeat numbers, pause time Dispensing:Set volume, flow rate, repeat numbers, pause time Speed dispensing:Set speed (rpm), time, repeat numbers, pause time
Dispensing volume range	0.1ml-9999L
Dispensing time range	0.1s-9999h
Pause time range	0.5s-9999h
Repeat numbers	1-9999 times, 0 means unlimited times
Calibration	Automatic calibration after inputting actual running liquid volume
Communication interface	RS485
Communication protocol	Modbus protocol (RTU mode)
External control speed signal	0-5V, 0-10V, 4-20mA (optional)
External control signal input	Active switch signal (5-24V) controls start/stop, direction; Passive switch signal controls start/stop
Signal output	Open collector output operation status; 4-20mA output
Status Output	Open collector output for running status
Frequency Output	Speed-Frequency Output, Frequency Range 600Hz-3000Hz
Signal output	Open collector output operation status; 4-20mA output
Three levels of permissions	Three user access levels (Administrator, Technician, and Operator) with distinct permission settings
Leak detection function	Immediately stop operation upon leak detection
Drive dimension	320mm*160mm*222mm
Power supply	AC110V-220V, 50/60Hz
Rated power	110W
Relative humidity	<90%
Working environment	0-40°C
Protection level	IP66
Drive weight	6.3kg

■ Dimension Drawing(mm)

