

IP66 Industrial Peristaltic Pump

Model : HPM600

Flow Rate : 0.211-6000mL/min

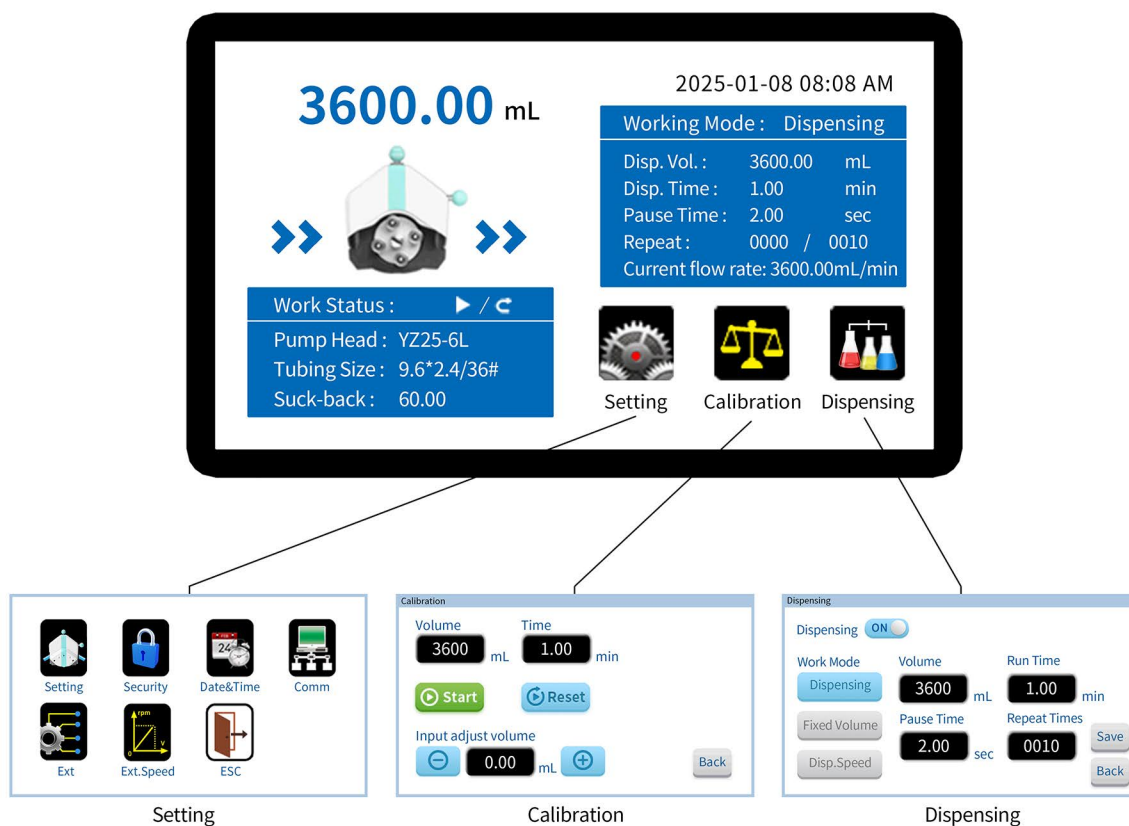
IP rate : IP66



Introduction

- The casing is machined from aluminum alloy.
- The roller clamping gap supports concentric multi-level adjustment and has strong compatibility with multiple hose models..
- Optional electromagnetic sensor: Enables automatic pump stop when the cover is opened.
- Optimized tube-retention mechanism: It enables quick installation and removal of hoses.
- A new lever limiter has been added to effectively prevent the lever from becoming loose due to vibration.
- Magnetic protective cover, featuring a concealed strong magnetic adsorption design.
- Supports the use of multiple pump heads in series to meet diverse application needs.

Control Interface

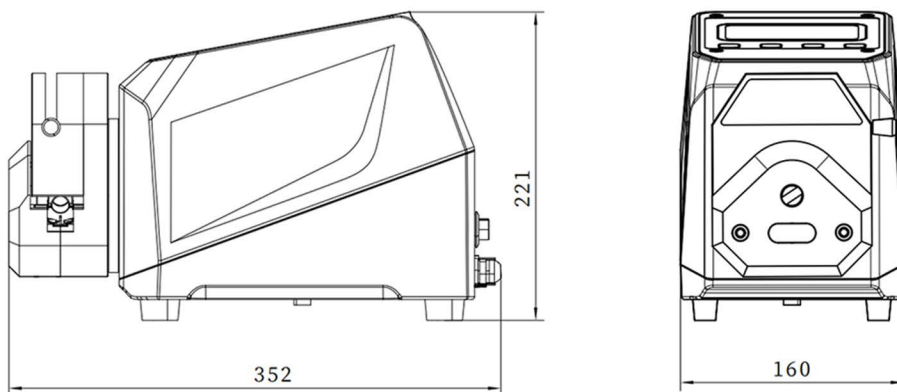


Pump Head



Drive	Pump head	Tubing Size	Speed	Flow rate (mL/min)
HPM600	YZ25-6L	15#, 24#, 35#, 36#(Silicone tubing)	0.1-600rpm	0.3-6000

Dimension Drawing(mm)





Specifications

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- colorful 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
Back suction angle	0-360°
Communication interface	RS485
Communication protocol	Modbus protocol (RTU mode)
External control speed signal	0-5V, 0-10V, 4-20mA (for option)
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
Open cover to stop pump function	Prevent misoperation and effectively protect user safety
three levels of permissions	Reasonable configuration of operation permissions
Drive dimension	274mm*160mm*221mm (L*W*H)
Power supply	AC110-220V±10%,50/60Hz
Rated power	110W
Working environment	0-40°C
Drive weight	6.2kg
Relative humidity	<100%
Protection level	IP66

IP Ratings

SOLIDS		IP[XX]		WATER	
0	NO protection			NO protection	0
1	Solid foreign objects diameter >50mm			Vertical dripping water	1
2	Solid foreign objects diameter >12mm			Dripping water when tilted at 15°	2
3	Solid foreign objects diameter >2.5mm			Spraying water	3
4	Solid foreign objects diameter >1mm			Splashing water	4
5	Dust protected			Water jets	5
6	Dust-tight			Powerful water jets	6
				Short time immersion, up to 1 meter depth	7
				Continuous immersion, 1 meter or more depth	8