

Intelligent Type Peristaltic Pump



Model No. : LabV3-IV

Flow Rate : 0.1651-3281mL/min

Product Features

Dynamic display transferring status. Flow rate data, setting parameters and system configuration display in the same screen.

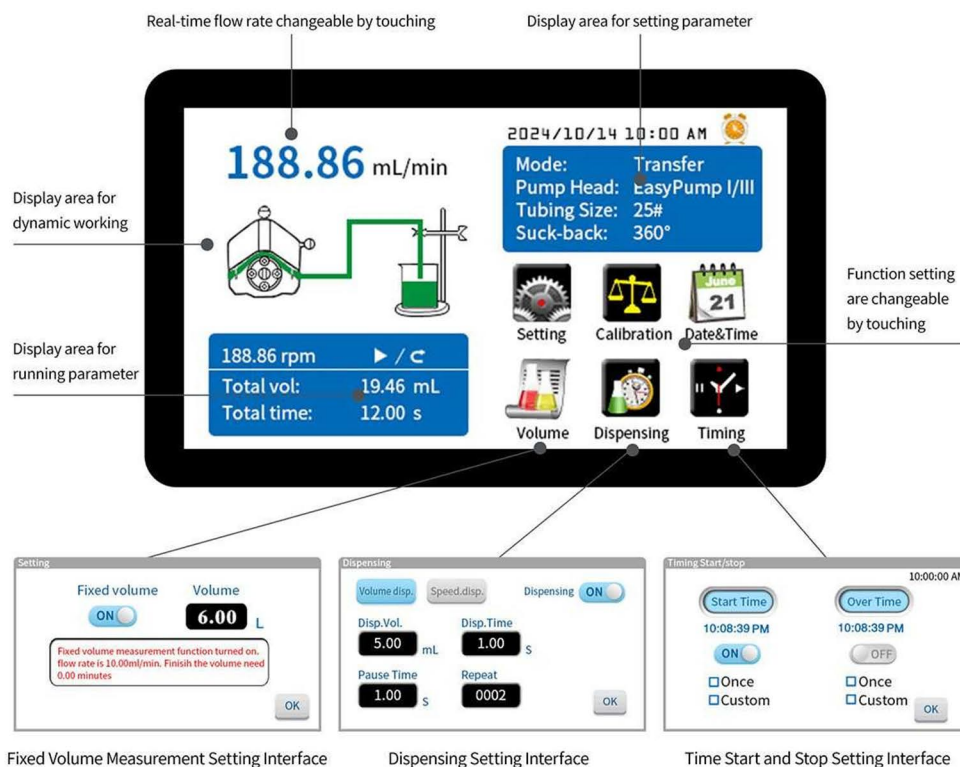
Four-working modes: Fixed volume, volume dispensing, speed dispensing, and timing start/stop functions meet complex transmission and dispensing requirements.

Intelligent calibration function and online micro adjusting function, can be in the case of not stop, adjust the flow, eliminate the error.

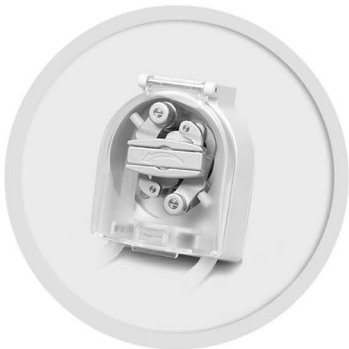
Streamlined body design, with ABS Engineering Plastic Shell and add UV Spray Coating.

Circuit board three layers of paint spraying process, dust proof, moisture proof, anti-static, corrosion resistance.

Screen Display



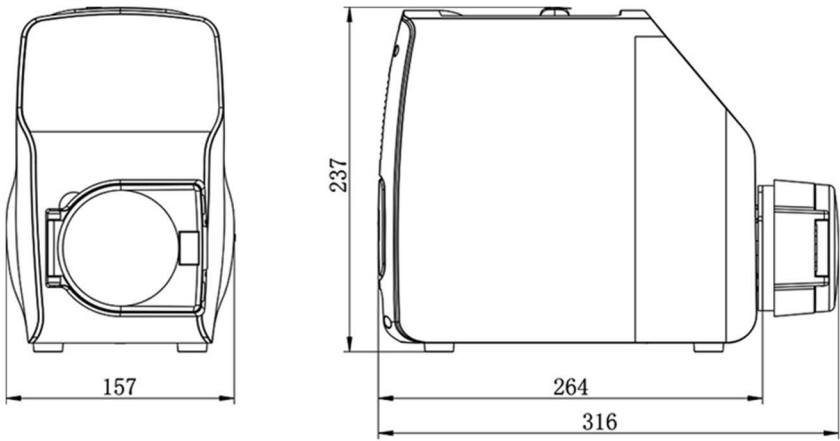
 Pump Head



UC15/UC20

Model	Pump Head	Speed Range(rpm)	Tubing Size	Flow Rate(mL/min)
LabV3-IV	UC15	0.1-350	16#	0.1651-596
			25#	0.3440-1251
			17#	0.5818-2186
			18#	0.8652-3281
	UC20	0.1-200	Medical dialysis tube 8*2	0.7327-811

 Dimension Drawing (Unit:mm)



Technical Specifications

Flow rate range	0.1651-3281mL/min
Flow rate resolution	0.01mL/min
Speed range	0.1-350rpm
Speed resolution	0.01rpm
Dispensing volume	0.01-9999mL
Volume resolution	0.01mL
Dispensing time	0.1-9999s
Pause time	0.1-9999s
Time resolution	0.01s
Repeat number	1-9999 times, setting "0" as infinite/continuous dispensing
Flow rate accuracy	$<\pm 0.5\%$
Back suction angle	0-360°
Motor type	Stepper motor
Display	4.3 inch-industrial grade-True color LCD screen
Control method	Touch screen and Mechanical keypad
Keypad lifetime	300,000 times
External control signal	0-5V,0-10V,4-20mA for option
Start/stop,change direction signal	Passive switch signal,such as:foot pedal switch, Active switch signal:5V-24V
Communication interface	RS232,RS485 support MODBUS protocol(RTU mode)
Output interface	Output motor working status(Open-Collector output)
Power supply	AC 220V+10%,50Hz/60Hz(standard),AC 110V+10%,50Hz/60Hz(optional)
Drive dimension (LxWxH)	259x157x237(LxWxH)
Drive weight	4.40kg
Power consumption	$<80W$
Condition temperature	0-40°C
Relative humidity	$<80\%$