

# Basic Peristaltic Pump



Model No. : LabM-III series  
Flow Rate : 0.0079-3027.97mL/min

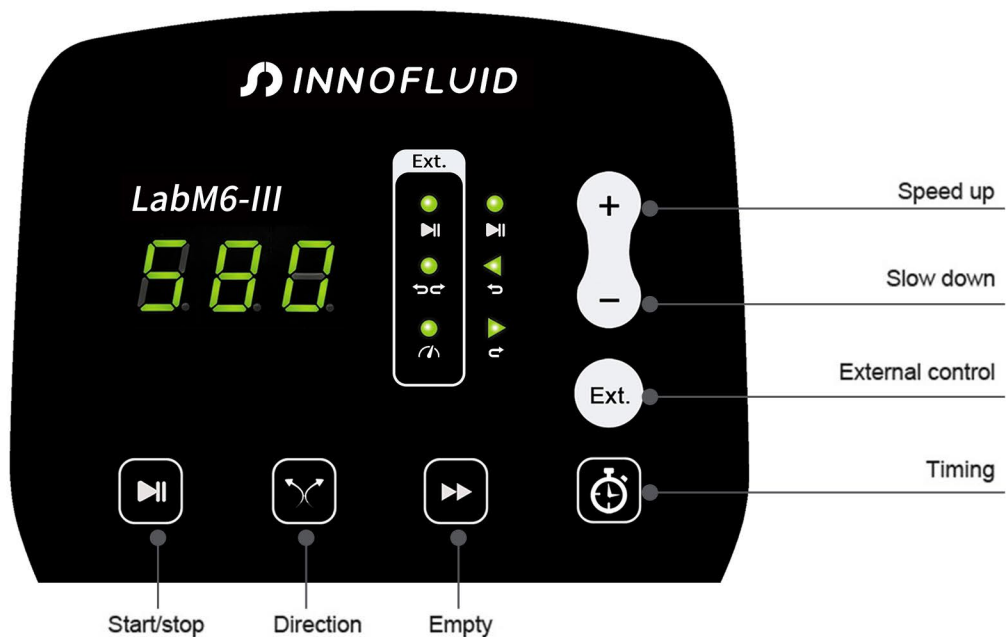
## Product Features

3 digital LED display motor speed, mechanical keypad control.

Timing function, the time range of 0.5 seconds -999 seconds can be used as a simple dispensing.

Support RS232 and RS485 communication, Modbus protocol.

## Screen Display





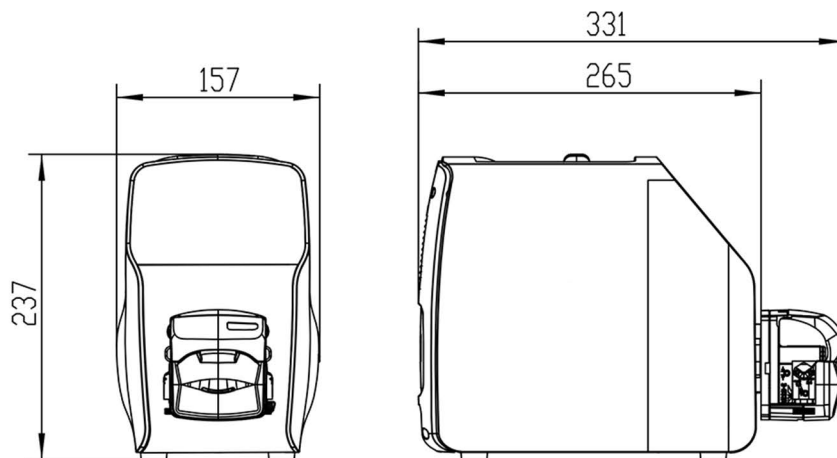
**Pump Head**



KD15/KD25

Model	Tubing Sizes	IDxWall thickness(mm)	Flow Rate(L/min) (3 rollers, 0.1-600rpm)	Flow Rate(L/min) (4 rollers, 0.1-600rpm)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
KD15	13#	0.8x1.6	0.0083-50.3	0.0079-47.37	0.27	0.17	0.37
	14#	1.6x1.6	0.0281-168.4	0.0267-160.37			
	19#	2.4x1.6	0.0613-367.97	0.0544-326.13			
	16#	3.2x1.6	0.1006-603.5	0.0942-565.47	0.24	0.14	
	25#	4.8x1.6	0.2243-1345.83	0.2103-1262	0.14	0.10	
	17#	6.4x1.6	0.3297-1978.1	0.2915-1748.93	0.10	0.07	
KD25	18#	7.9x1.6	0.5047-3027.97	0.4483-2690	0.27	0.17	
	15#	4.8x2.4	0.2513-1507.6	0.1979-1187.55			
	24#	6.4x2.4	0.3912-2346.95	0.2909-1745.5			

**Dimension Drawing (Unit:mm)**





## Technical Specifications

Drive	LabM1-III	LabM3-III	LabM6-III
Speed range	0.1-150rpm	0.1-350rpm	0.1-600rpm
Flow rate range	0.0079-756.99mL/min	0.0079-1766.31mL/min	0.0079-3027.97mL/min
Speed resolution	0.1 rpm when the speed is 0-100rpm, 1rpm when the speed is 100-600rpm		
Testing time range	0.5s-999s		
Motor type	Closed-loop stepper motor		
Display	3 digital LED		
Control method	Mechanical keypad		
Keypad lifetime	300,000 times		
External control speed signal	0-5V, 0-10V, 4-20mA		
Start/stop, direction signal	Passive switch signal, such as foot pedal switch; Active switch signal, 5V-24V		
Communication interface	RS232/RS485 support MODBUS protocol (RTU mode)		
Power supply	AC 220V±10%, 50Hz/60Hz ( standard), AC 110V±10%, 50Hz/60Hz (optional)		
Drive dimension	259×157×237 ( L×W×H )		
Drive weight	4.40kg		
Power consumption	< 80W		
Environment temperature	0-40°C		
Relative humidity	< 80%		