

Flow Rates Peristaltic Pump

Model No: LabN-III series KD15/KD25

Flow Rate: 0.0079-3027.97mL/min



Product Features

- Friendly interface, 3.2 inch big screen LCD display working parameters in real time.
- Super silent drive setting, precise control, low vibration and low noise.
- Timing function, the time range is 0.1s - 9999 hours, can be used for simple dispensing function.
- Streamlined body design, with ABS Engineering Plastic Shell and add UV Spray Coating.
- Power down memory function, store parameters in time, safe and reliable. Strong anti-jamming featurewide voltage design, suitable for complex power supply environment.
- Multiple Dispensing Function.

Control Panel



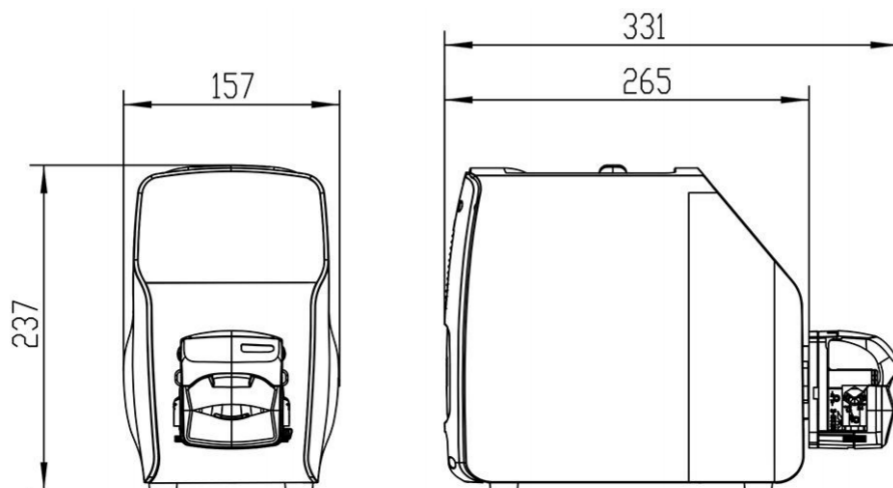
■ Pump Head & Flow Rate



EasyPump Series

Pump Head	Tubing	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			
	25#	4.8x1.6	0.2243-1345.83	0.2103-1262	0.24	0.14	
	17#	6.4x1.6	0.3297-1978.1	0.2915-1748.93	0.14	0.10	
	18#	7.9x1.6	0.5047-3027.97	0.4483-2690	0.10	0.07	
KD25	15#	4.8x2.4	0.2513-1507.6	0.1979-1187.55	0.27	0.17	
	24#	6.4x2.4	0.3912-2346.95	0.2909-1745.5			

■ Dimension Drawing (Unit:mm)



■ Technical Specifications

Drive	LabN1-III	LabN3-III	LabN6-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	0.1rpm		
Back suction angle	0-360°		
Testing time range	0.1s-9999h		
Dispensing time	0.1s-9999h		
Pause time	0.1s-9999h		
Repeat number	1-9999 times, setting "0" as infinite/continuous dispensing		
Display	3.2" color LCD screen display		
Motor type	Closed-loop stepper motor		
Control system	Mechanical keypad+Rotary encoded switch		
Keypad lifetime	300,000 times		
External control speed signal	0-5V,0-10V,4-20mA for option		
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)		
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	259x157x237mm(LxWxH)		
Drive weight	4.40kg		
Power consumption	< 80W		
Environment temperature	0-40°C		
Relative humidity	<80%		