

FCS KA5 Basic Peristaltic Pump



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. Supports RS232 and RS485 communication, Modbus protocol.

Typical Application:

- ✓ University laboratory
- ✓ Supporting ion chromatography and titrator



Technical Specifications

Flow rate range	0.0053~3100 mL/min
Speed resolution	0.1rpm @ speed 0-100rpm 1rpm @ speed 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 speed control signal	0-5V, 4-20mA, 0-10V
Start/stop, direction signal	Passive switch signal (foot pedal switch), Active switch signal: 5-24V universal
Communication interface	RS232, RS485 Modbus protocol (RTU mode)
Power supply	AC 220V±10%, 50Hz/60Hz (standard); AC 110V±10%, 50Hz/60Hz (optional)
Drive dimension	261.4L x 157.3W x 236.9H mm
Weight	4.4Kg
Power consumption	<80W
Condition temp	0-40°C
Relative humidity	<80%

Product Composition & Flow Rate Range, EasyPump II/IV

Tubing	ID x Wall (mm)	mL / r	Flow Rate (mL/min) (0.1-600rpm)	Max Pressure (Mpa)		Weight
				Intermittent	Continuous	
15"	4.8 x 2.4	1.8	0.180~1080	0.27	0.17	0.6
24"	6.4 x 2.4	2.733	0.273~1640	0.27	0.17	0.6
35"	7.9 x 2.4	3.833	0.383~2300	0.24	0.14	0.6
36"	9.6 x 2.4	5.167	0.517~3100	0.24	0.14	0.6

Pump Head	Single/Dual Channel	Tubing Wall Thickness	Pressure Adjustable
EasyPump II	Single	2.4mm	Fixed Pressure
EasyPump IV	Single	2.4mm	Pressure Adjustable

