

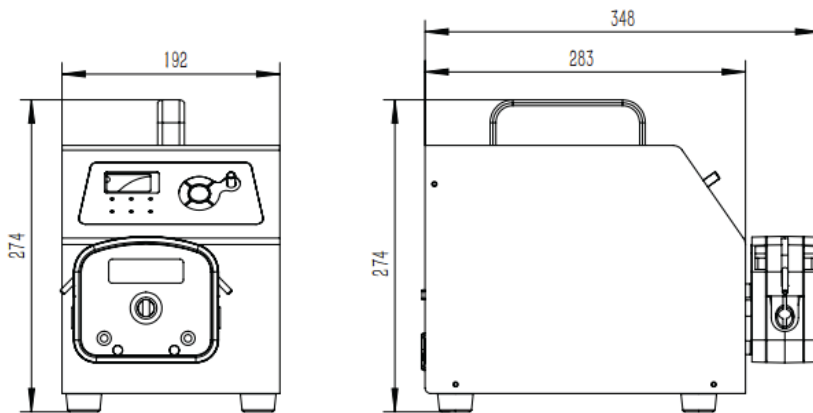
FCS KA6 Basic Peristaltic Pump



Product Features

Closed-loop stepper motor drive, powerful and maintenance-free. 3 digital LED display motor speed, rotary encoded switch control. Suitable for industrial sites, transfer liquid with large flow and high precision.

Dimension Drawing (units: mm)



Product Composition & Flow Rate Range, DZ25-6L

Housing Material	Tubing Clamp Material	Tubing Sizes	ID x Wall	Flow Rate (mL/min) (0.1-600rpm)	Weight (kg)
PPS	PP	15 [#]	4.8 x 2.4 mm	0.3~1800	0.86
PPS	PP	24 [#]	6.4 x 2.4 mm	0.55~3300	0.86
PPS	PP	35 [#]	7.9 x 2.4 mm	0.8~4800	0.86
PPS	PP	36 [#]	9.6 x 2.4 mm	1~6000	0.86

Technical Specifications

Flow rate range	0.3~6000 mL/min
Speed resolution	0.1-600 rpm
Speed range	0-100 rpm, 0.1 rpm: 100-600 rpm, 1 rpm
Flow Rate Accuracy	<± 0.5%
Motor type	Closed-loop stepper motor
Display	3 digital LED
Control method	Mechanical keypad
Keypad lifetime	300,000 times
Speed control	Rotary encoded switch
External speed control signal	0-5V, 0-10V, 4-20mA
Start/stop, direction signal	Passive switch signal (foot pedal), Active switch signal: signal: 24V default
Communication interface	RS232, RS485 Modbus protocol (RTU mode)
Power supply	AC 220V±10%, 50Hz/60Hz (standard); AC 110V±10%, 50Hz/60Hz (optional)
Drive dimension	283L x 192W x 274H mm
Drive weight	785 kg
Power consumption	< 180W
Condition temp	0-40°C
Relative humidity	< 80%
IP Rate	IP31

