



## FCS KA (SS) Compact Peristaltic Pump



HandyPump01

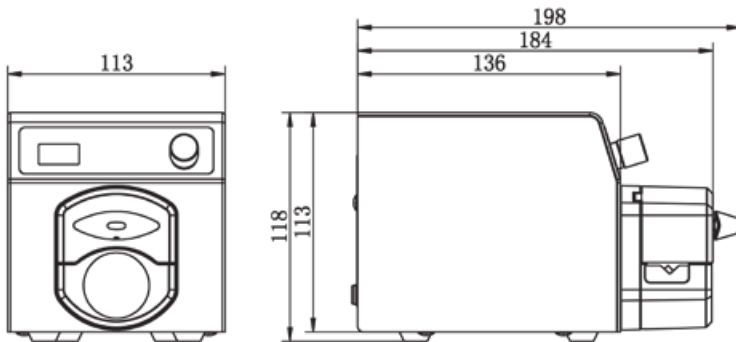


HandyPump02

### Product Features

304 stainless steel shell, anti-corrosion, resistant to rust, conforms to GMP request. OLED display motor speed and working status, digital knob control speed. External control adopts standard wiring terminal which is more suitable for supporting industrial use. Supports RS232, RS485 communication, Modbus protocol, more convenient to connect with PLC. With power-down memory function, cost-effective. Compact structure, can be stacked.

### Dimension Drawing (units: mm)



### Technical Specifications

<b>Flow rate range</b>	0.0033~365.69 mL/min
<b>Speed range</b>	0.1~300 rpm
<b>Speed resolution</b>	0.1 rpm
<b>Control method</b>	Digital knob/Mechanical keypad
<b>Motor type</b>	Stepper motor
<b>Keypad lifetime</b>	300,000 times
<b>Display</b>	OLED (0.96")
<b>External control</b>	Start/stop control (switch signal); Speed: 0-5V, 4-20mA (standard); 0-10V (optional)
<b>Power supply</b>	Output: (24V/1.25A); Input: AC100V-240V, 50Hz/60Hz
<b>Communication interface</b>	RS485, RS232
<b>Output interface</b>	Output motor working status
<b>Drive dimension</b>	198L x 113W x 118H mm
<b>Weight</b>	1.75 Kg
<b>Power consumption</b>	< 30W
<b>Condition temp</b>	0-40°C
<b>Relative humidity</b>	< 80%
<b>IP Rate</b>	IP31



#### Product Composition & Flow Rate Range HandyPump01, Single Channel

Tubing	ID x Wall (mm)	mL / r 3 rollers	mL / r 6 rollers	Speed (rpm)	Flow Rate 3 rollers	Flow Rate 6 rollers	Weight (kg)
13"	0.8 x 1.6	0.033	0.031	0.1~300	0.0033~10.03	0.0031~29.36	0.224 3 rollers
14"	1.6 x 1.6	0.187	0.126	0.1~300	0.0187~56.09	0.0208~37.68	
19"	2.4 x 1.6	0.371	0.215	0.1~300	0.0371~111.17	0.0036~64.51	0.302 6 rollers
16"	3.1 x 1.6	0.636	0.345	0.1~300	0.0636~190.76	0.0059~103.51	
25"	4.8 x 1.6	1.219	0.636	0.1~300	0.1219~365.69	0.01038~190.81	

#### Product Composition & Flow Rate Range HandyPump02, Dual Channel

Tubing	ID x Wall (mm)	mL / r 3 rollers	mL / r 6 rollers	Speed (rpm)	Flow Rate 3 rollers	Flow Rate 6 rollers	Weight (kg)
13"	0.8 x 1.6	0.033	-	0.1~300	0.0033~10.03	-	0.224 3 rollers
14"	1.6 x 1.6	0.187	-	0.1~300	0.0187~56.09	-	
19"	2.4 x 1.6	0.371	-	0.1~300	0.0371~111.17	-	0.302 6 rollers
16"	3.1 x 1.6	0.636	-	0.1~300	0.0636~190.76	-	