

**K C P - X Series peristaltic pump**

**产品手册**

**Product manual**

A/0版

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## K C P - X Series peristaltic pump

KCP-X series adjustable speed peristaltic pump is derived from KCP series peristaltic pump. It has beautiful appearance, simple function and stable performance. It is an economical adjustable speed peristaltic pump.



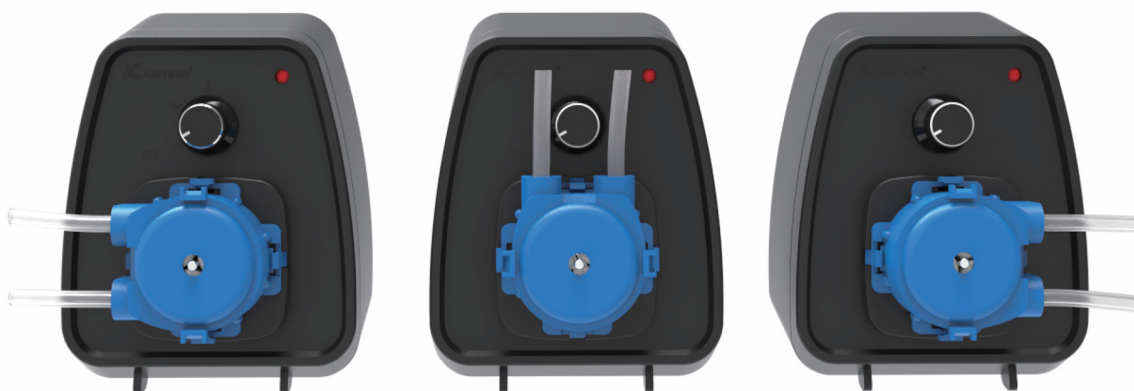
## Performance characteristics

- ◆ Low cost to adjust the flow rate
- ◆ Simple structure, maintenance-free
- ◆ Low noise, small space occupation
- ◆ With three rotors, moderate pulsation
- ◆ Convenient and quick replacement of the pump tube

## Component structure

KCP-X series adjustable-speed peristaltic pumps are mainly composed of housing, governor, motor, pump head, commutator and other components. The direction of the pump head can be changed.

**KCPX-S10W is a conventional product, and the other models are customized products. Please consult the sales staff for details.**



## Parts-----Pump Tube

### 1.Pump tube selection

At present, we provide pump pipes of the following materials for customers to choose:

Pump tube	Material	Performance characteristics
S	Domestic silicone tube	Low cost, resistance to weak acids and weak bases, poor resistance to chemical corrosion, service life lower than BPT
B	Imported PharMed® BPT	No cytotoxicity and hemolysis, resistance to ozone and UV rays, heat resistance, ozone resistance, acid and alkali resistance, anti-aging and anti-oxidation, long life. Operating temperature range -51°C~132°C

### 2.Tube model selection

At present, the pump pipes we supply to customers are shown in the table below.

Customer selection table: S10B is a conventional product, and the other models are customized

Pump tube code	Pump tube size	Flow range
S02	0.6×3.0silicone tube	(2.6~4)ml/min
S04	1.0×3.3silicone tube	(4~14)ml/min
S06	2.0×4.0silicone tube	(11~34)ml/min
S08	2.5×4.5silicone tube	(17~50)ml/min
S10	3.0×5.0silicone tube	(19~65)ml/min
B06	2.0×4.0silicone tube	(9.3~32)ml/min
B08	2.5×4.5BPT tube	(14.6~41.5)ml/min

### 3. Accessories selection:

#### a、 Pump tube joint selection

Pump tube joint shape (material PP)



**Straight type**



**L type**



**Y type**



**T type**



**Cross type**

#### ● Pump tube joint shape (material PP)

Connect or	Straight type sales code	L type sales code	Y type sales code	T type sales code	cross type sales code	Suitable Id
1/16	32050004	32050027	32050006		32050039	$0.6 \leq \phi \leq 1.6$
3/32	32050066	32050028	32050029	32050053		$1.6 < \phi \leq 2.4$
1/8	25010021	32050037	32050015	32050020	32050019	$2.4 < \phi \leq 3.2$

#### b、 Power supply and power cord selection

We provide the following options:

When the user only has mains power supply, please select the power adapter;

When the user needs to connect the pump to the instrument, and the instrument can provide the power required by the pump, please select the power cord;

When the user already has the corresponding transformer and we don't need our configuration, there is no need to choose;



(Continue to the power supply and power cord selection on the previous page)

Power Adapter	24V CN	24V US	24V EU	24V UK	24V AU
Sales code	32040002	10080033	10080021	10080038	10080039
power cable	Code L Sales code:BB040022				



(Power adapter diagram)



(Power cord diagram)

## Other parameters

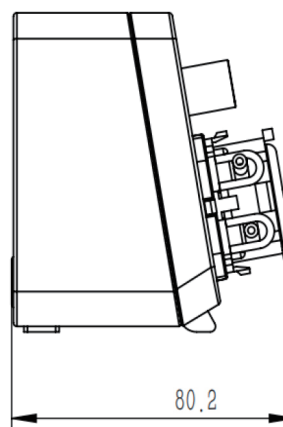
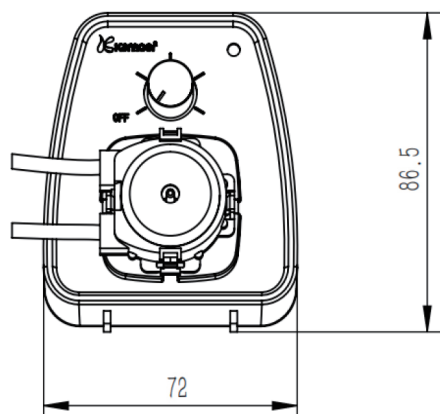
NEWKCP pump weight: about 185 g

Pump tube length: 135mm (exposed 29.5mm), code-named B tube

175mm (exposed 49.5mm), code-named S tube,

Working conditions: ambient temperature 0~40°C, relative humidity <80%

## Dimensions table



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The company reserves the right to improve and change the appearance and technical specifications of the product without prior notice.