



NEWKCP Series Adjustable Speed Peristaltic Pumps

Product manual

Product manual

A/0Version

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NEWKCP series peristaltic pump

NEWKCP series adjustable speed peristaltic pump is derived from the peristaltic pump, and the user can either rotate the pump head to adjust the flow rate of the pump, you can also use the arrow keys to cut the direction in which the pump transfers the liquid. One pump for many flows The need for bidirectional transmission, which is the most expensive of the adjustable speed pumps

Note: If you need to display the flow rate on the screen or user-specified flow The pump will automatically adjust to the flow rate required by the user, it is recommended to use  UIP or KCS PRO series intelligent creep



Performance characteristics

- ◆ Low-cost flow rate adjustment
- ◆ Low noise, small space occupation
- ◆ Moderate pulsation with three rotors
- ◆ Easy and fast replacement of pump tubing
- ◆ Simple structure, maintenance free
- ◆ Liquid transfer direction can be changed

Component structure

NEWKCP series adjustable speed peristaltic pump is mainly composed of shell, governor, motor, pump head, commutator and other components. in

There are various forms of pump tube and pump tube joint for customers to choose. The motor and pump tube affect the flow rate of the pump.



part pump tube

1. Pump tube selection

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

pump tube	material	Performance characteristics
S	Domestic silicone tube	Low cost, weak acid and weak alkali resistance, poor chemical resistance Service life is lower than BPT
B	Import PharMed® BPT	No cytotoxicity and hemolysis, ozone and UV ray resistance, heat resistance, ozone resistance, acid and alkali resistance, anti-aging and anti-oxidation, long life. Operating temperature range -51°C~132°C

2. Pump tube model selection

At present, the pump tubes that we supply customers to choose are shown in the table below.

Customer selection table:

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

3. Accessories selection:

a, pipe joint selection

- Pipe joint shape (material PP):



- Pipe joint shape (material PP):

Connector model	pass-through sales code	Ltype sales code	Ytype sales code	Ttype sales code	Cross-shaped sales code	The inner diameter of the pump tube can be
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. Selection of power supply and power cord

We offer the following options:

- When the user only has mains power supply, please select the power adapter;
- When the user needs to connect the pump with 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 does not need to be configured by us, there is no need to select it;

(Continued from previous page Power and Power Cord Selection)

Power Adapter	24V GB	24V American Standard	24V European standard	24V British Standard	24V Australian Standard
sales code	32040002	10080033	10080021	10080038	10080039
power cable	Code L Sales code: BB040022				



(Schematic diagram of power adapter)



(Schematic diagram of power cord)

Other parameters

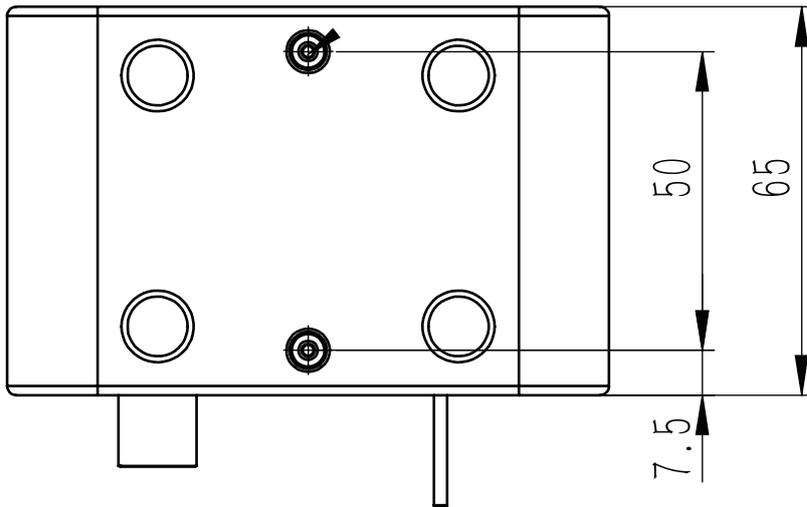
NEWKCP pump weight: about 185 g

Pump tube length: 135mm (exposed 29.5mm) Code named B pipeline

175mm (exposed 49.5mm) Codenamed S pipeline

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

External dimension table

Expansion pipe installation location

推荐使用ST2.9的自攻螺钉

