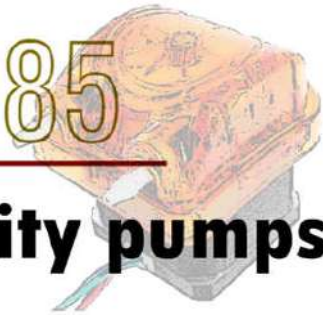


Peripump Peristaltic Pump HPP Series

Since from 1985

Periump commits to quality pumps



Peripump LLC

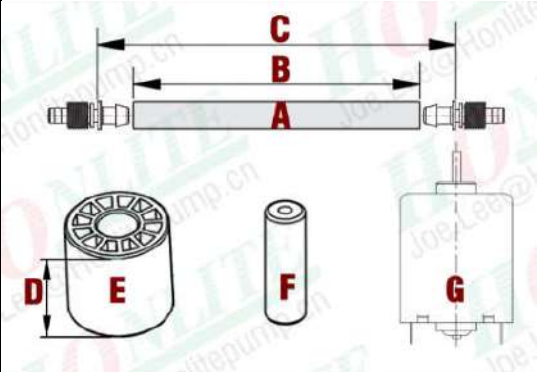
Excellent Quality = ISO9001 Certificated Factory with 30+ Years Experiences

Peripump Peristaltic Pump HPP Series

Peripump Peristaltic Pump	Unit	Model Number
		HPP-24-1000-ZB-2-P
Photo	/	
Input Voltage	Vdc	24
Flow Rate (Tested by regular water)	ml/min	1000 +/- 10%
Flow Direction	/	CW/CCW Reversible
Pump Head Material	/	Transparent Polycarbonate
Number of Rollers	/	2
Output Fluid Pressure	psi	40 min.
Recommended Loading Fluid Pressure	psi	18
Input Resistant Pressure	psi	2 min.
Vacuum Suction	Kpa	30 min.
Current @ Rate Flow	A	1.0 max.
Current @ Maximum Loading Pressure	A	2.5 max.
Peristaltic Tube	/	PharMed BPT Peristaltic Tube
External Fitting	/	Barbed fitting made of polypropylene
External Tube	/	5.5mm(ID) External Tube (Not Included)
Operation Temperature (Environment)	°C	-10 ~ +50
Storage Temperature (Environment)	°C	-10 ~ +70
Motor Type	/	DC Brush Motor
Motor Insulation	/	Material Comply with UL Insulation Class B
Motor Protection	/	None
Waterproof	/	None
Peristaltic Tube Reliability	Loading Hours	600
Gear motor Reliability	Loading Hours	600
Operation Duty Cycle	/	Continuous
Loading Noise (Testing Distance = 30CM)	dB	75 Maximum
Motor Power Wire	/	None
Net Weight	g	230
Pump Head Dimension	mm	86(W) x 76(L) x 37(H)
Outline Dimension	mm	86(W) x 76(L) x 107(H)

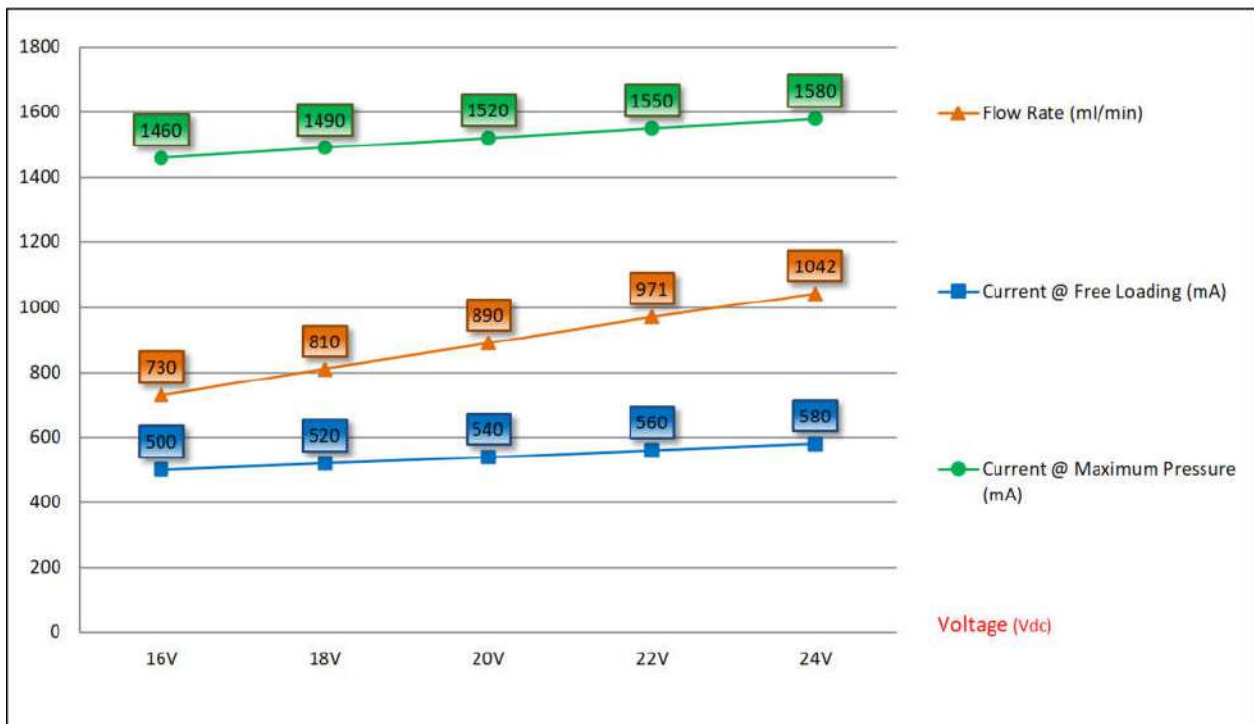
Peripump Peristaltic Pump HPP Series

Basic Constructions

Specification	
A: PharMed BPT 5/16" x 7/16"	
B: 146mm	
C: 153~155mm	
D: 16.5mm	
E: 14.15mm x2	
F: 4 units	
G: 24Vdc Brushed - 19,000rpm	

Pump Performances

Input Voltage (Vdc)	16V	18V	20V	22V	24V
Flow Rate (ml/min)	730	810	890	971	1042
Vacuum Suction (Kpa)	50	50	50	50	50
Output Pressure (psi)	40	40	40	40	40
Current @ Free Loading (mA)	500	520	540	560	580
Current @ Maximum Pressure (mA)	1460	1490	1520	1550	1580
Noise @ Free Loading (dB) (Measured from 30cm)	70	70	71	73	73



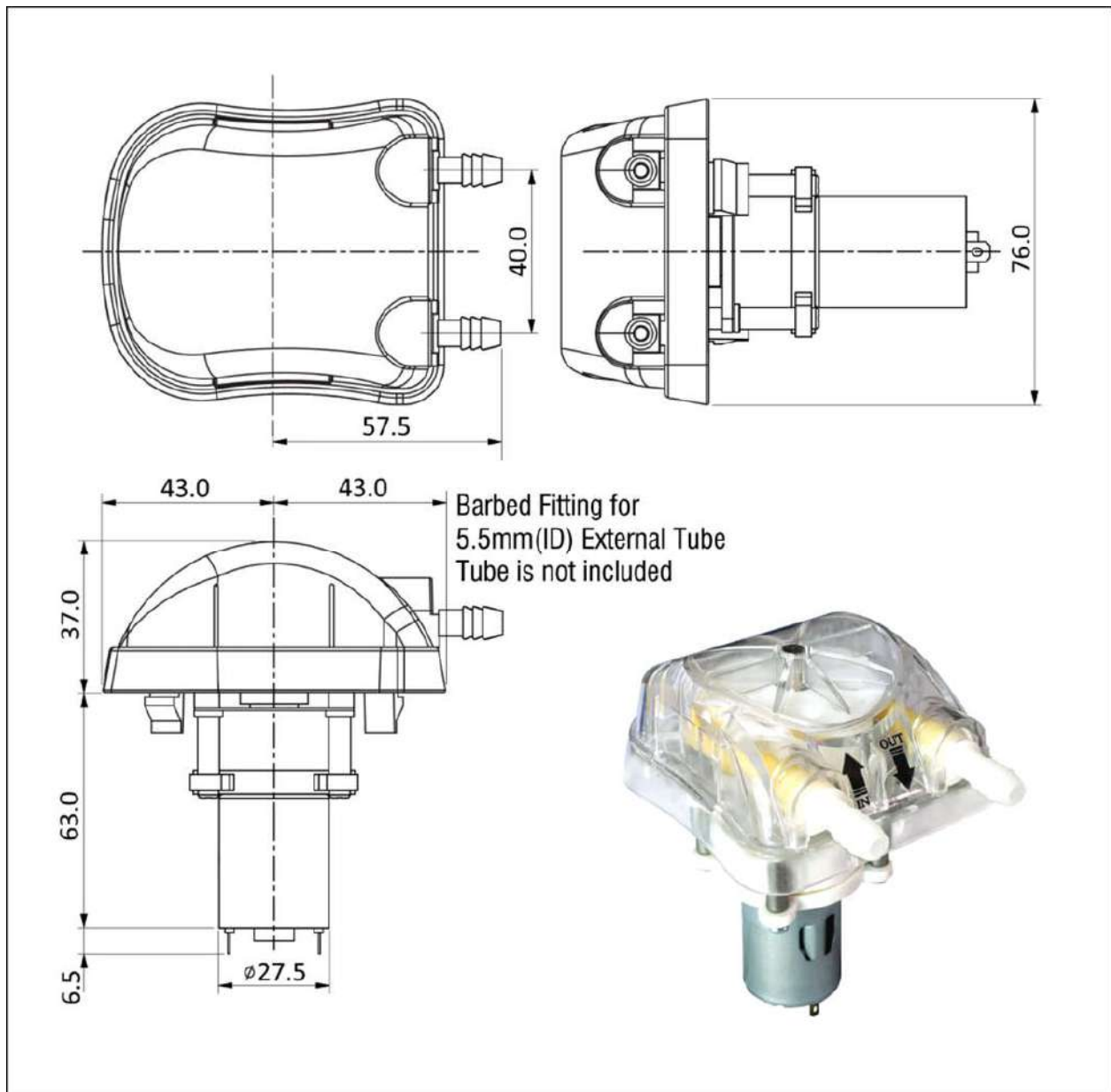
Peripump Peristaltic Pump HPP Series

Outstanding External Design



Peripump Peristaltic Pump HPP Series

Outline Dimensions



Peripump Peristaltic Pump HPP Series

Pump Constructions

External Fittings

Various types of fittings are available for selection. The fittings are made of food-grade polypropylene.

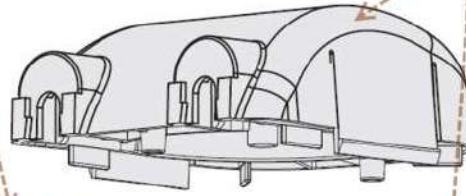
Peripump LLC is willing to invest in new types of fittings for our long-term business partners.



Pump Cap

The pump cap was made of enhanced polycarbonate. Users can check the status of the rotor and the peristaltic tube at a glance.

Various types of colors are available for selection.



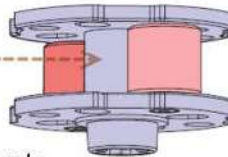
Pressure Rotor

The pressure rotor can be with either two rollers, three rollers, or four rollers. The roller quantity depends on the requirements of the flow rate, back pressure, and output pressure.

The pressure roller is made of enforced POM with precision sizes. The size of the roller depends on the requirements of the peristaltic tube, flow rate, back pressure, and output pressure.

Peripump LLC has the R&D resources and manufacturing abilities to develop a dedicated system to support your application.

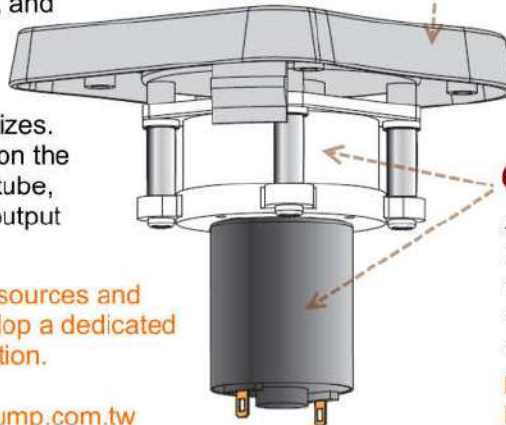
Service email: Joe.Lee@peripump.com.tw



Peristaltic Tube

A wide range of tubes with various sizes is available for selection.

Please contact Peripump LLC for the details.



Gear Motor

A wide range of DC brush motors assembled with an enhanced planetary gearbox is available for different applications.

Peripump LLC has reliable R&D resources to support your requirements.

Peripump Peristaltic Pump HPP Series

Pump Head Color Options

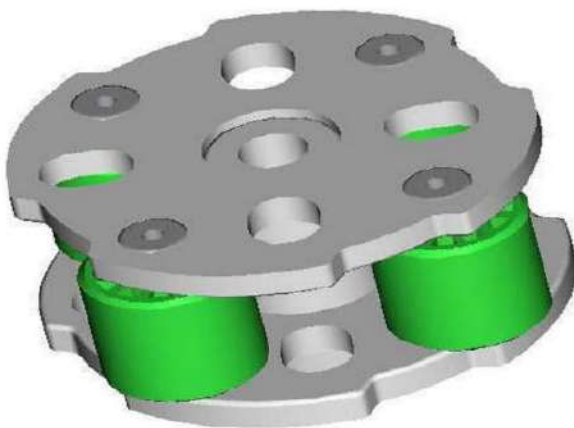
Various colors are available for selection. Custom-made for different colors is welcome.

Various Colors

Custom-made colors



Roller Options



Pressure Roller

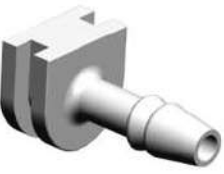
Honlite peristaltic pump has special pressure rotor system design. This design allows you to have options to select **2 rollers, 3 rollers and 4 rollers** for your peristaltic pump.

The roller quantity will impact flow rate, flow pulse, current consumptions and motor performance of the pump.

Please request technical recommendations from Honlite before order placing.

Peripump Peristaltic Pump HPP Series

Fitting Options

	NPT Fitting -- 5.0 • For 5.0mm(ID) x 8.0mm(OD) external tube • For 3/16"(ID) x 5/16"(OD) external tube • Made by food grade Polypropylene • Fit to any type of Honlite peristaltic pump 
	NPT Fitting -- 3.2 • For 3.2mm(ID) x 6.0mm(OD) external tube • For 1/8"(ID) x 1/4"(OD) external tube • Made by food grade Polypropylene • Fit to any type of Honlite peristaltic pump 
	BarBed Fitting -- 5.5 • For 5.5mm(ID) external tube • For 3/16"(ID) external tube • Made by food grade Polypropylene • Fit to any type of Honlite peristaltic pump
	BarBed Fitting -- 3.2 • For 3.2mm(ID) external tube • For 1/8"(ID) external tube • Made by food grade Polypropylene • Fit to any type of Honlite peristaltic pump
	Barbed Fitting -- 9.0 • For 9.0mm(ID) external tube • For 3/8"(ID) external tube • Made by food grade Polypropylene • Fit to any type of Honlite peristaltic pump
	Barbed Fitting -- 12.5 • For 12.5mm(ID) external tube • For 1/2"(ID) external tube • 90-degree angle • Made by food grade Polypropylene • Fit to any type of Honlite peristaltic pump

Peripump Peristaltic Pump HPP Series

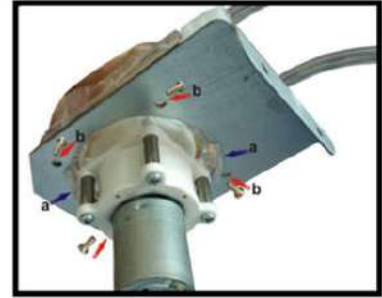
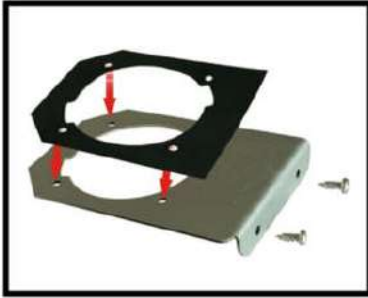
Peristaltic Tube Options

 Tygon S3 E-LFL Peristaltic Tube	Tygon S3™ E-LFL • Longest flex life of any clear Tygon tubing • Extremely low particle spallation • Broad chemical resistance • Meets USP Class VI, ISO 10993 and FDA criteria • <i>"Wide Range of Liquid Transfer in Lab", "Production Filtration", "Cosmetic Transfer"</i> • <i>"Food and Beverage Transfer", "Flavor & Vitamin Concentrate Dispensing"</i>
 PharMed BPT FDA Approved Peristaltic Tube Pre-Greased	PharMed® BPT • Chemical manufacturing and bio-tubes with Long service life. • Temperature Resistance from -60°F to 275°F • Excellent acid and alkali resistance • Meets USP Class VI criteria • <i>"Diagnostic Test Product Manufacturing", "Cell Harvest and Media Process"</i> • <i>"Vaccine Manufacturing", "Production Filtration and Fermentation"</i>
 Norpren Peristaltic Tube A-60-G	NORPRENE® A-60-G • Superior Weathering, Abrasion Resistant • Outstanding Flexural Fatigue Resistance • Temperature Resistance from -75°F to 275°F • UV Light Resistance • <i>"Soap and Disinfectant Dispensing", "Printing Ink Transfer", "Caustic Transfer"</i> • <i>"Wastewater Sampling", "Glass and Window Wash Systems"</i>
 Versilic SPX-50 Food Grade Peristaltic Tube	VERSILIC® SPX-50 • High-Strength Silicon Tubing • Ideal for Veterinary, Medical and Pharmaceutical Applications • Withstands Temperature Extremes from -75°F to 350°F • Meets USP Class VI and FDA Criteria • <i>"Food and dairy processing", "Beverage dispensing", "Sterile filling and processing"</i> • <i>"Veterinary pharmaceuticals"</i>
 EPDM Peristaltic Tube	EPDM • Industrial tubes • High performance alternative to general purpose rubber tubing • <i>"Laundry Applications"</i>
 Santoprene Natural 73A Food Grade Peristaltic Tube	Santoprene Natural 73A • Food grade tube • Good chemical resistance, High Fatigue resistance, High Stability • <i>"Food and dairy processing", "Beverage dispensing", "Sterile filling and processing", "Laundry Applications"</i>
 Santoprene Black 64A Soft-Flex Peristaltic Tube	Santoprene Black 64A • Regular grade tube • Good chemical resistance, High Fatigue resistance, High Stability • <i>"Swimming Pool Chemical Fluid dairy processing", "Laundry Applications"</i>

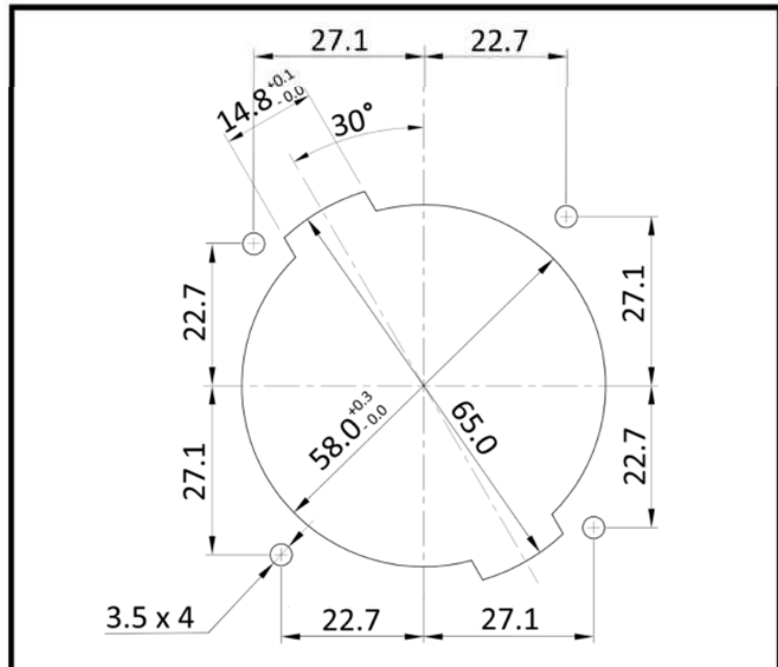
Peripump Peristaltic Pump HPP Series

Easy Installation

Installation Instructions



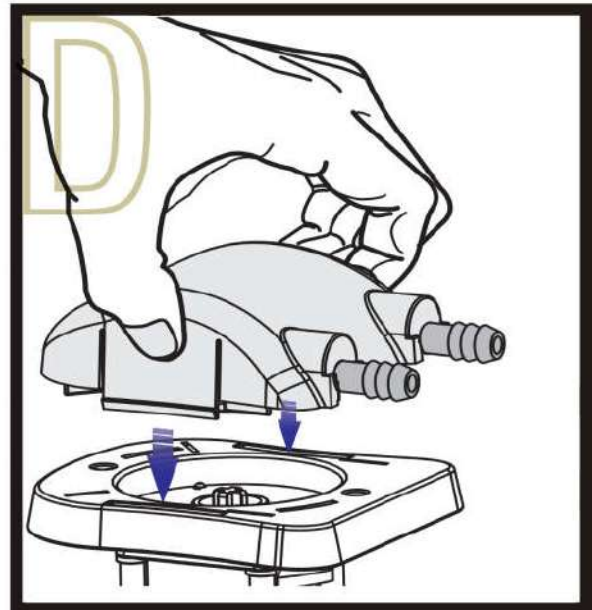
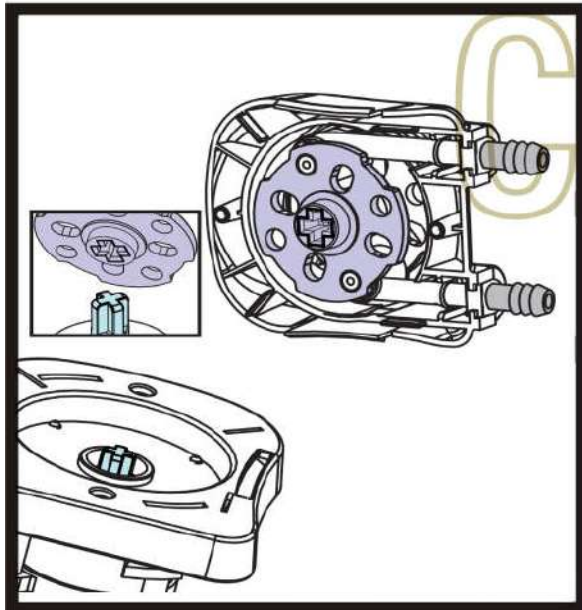
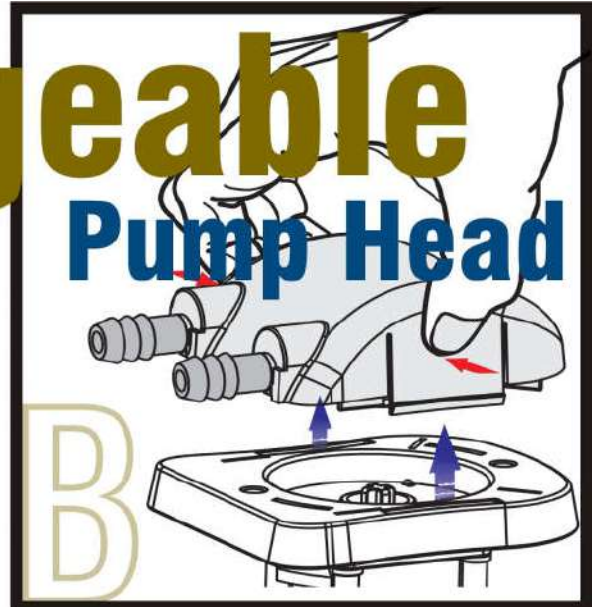
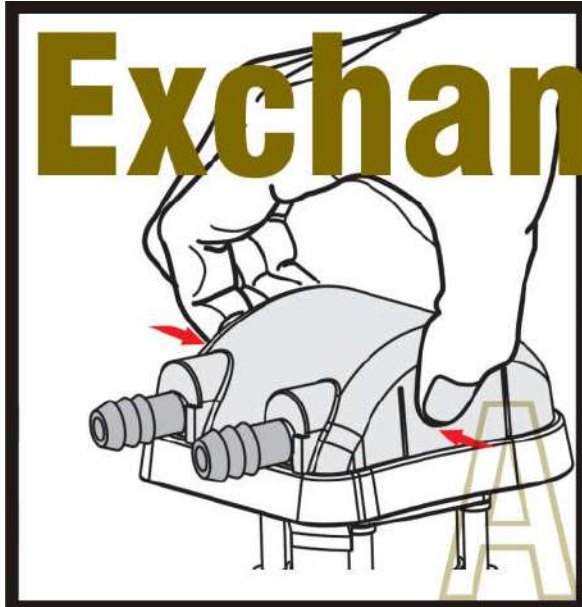
1. Please keep the thickness of the bracket less than 1.2mm.
2. Please consider adding a piece of rubber in between the bottom cap and the bracket. It will help to reduce the operation noise.
3. Please follow the drawing on the left side to cut the bracket.
4. Peripump LLC has an installation kit available for you to consider.



Peripump Peristaltic Pump HPP Series

Patented Exchangeable Pump Head

- The processes of the pump head replacement only take less than 5 seconds
- The best solution to deal with the difficulties from the tube replacement
- The best way to stay away from pollution during the tube replacement



Peripump Peristaltic Pump HPP Series

ISO9001 Certification for Production and Development

- Peripump has an ISO9001 factory and commits to producing quality pumps
- Peripump has the abilities and experiences to develop pumps for business partners
- Peripump always stands behind the pumps we sold

SGS

Certificate CN03/0097

The management system of

Honlite Industrial Co., Ltd.
(CHN)

Business Registration Address: Xin Wei Li Canton Liu Wu Zone,
Shek Kit Town, Dongguan City, Guangdong Province, P.R. China
Business Operation Address: Xin Wei Li Canton Liu Wu Zone,
Shek Kit Town, Dongguan City, Guangdong Province, P.R. China

Unified Social Credit Code 914419006177623475

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

**Design and manufacture of motors for electrical home appliances,
office equipment and body-building equipment**

This certificate is valid from 20 May 2021 until 19 May 2024
and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.
Issue 3. Certified since 20 May 2003

Authorised by



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Administration of the People's Republic of China www.cnca.gov.cn


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