

# LP25-6-H

## PRODUCT DESCRIPTION

Large flow dispensing type  
pump head



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Used in biological analysis, pharmaceutical packaging, medical and other fields

Max flow  
4500mL/min

Max speed  
350rpm



## LP25-6-H

LP25-6-H is a large flow sub-packing pump head. The surface of the shell is anodized for high strength and corrosion resistance. The elastic upper pressure block and self-adaptive pressure tube can effectively reduce the wear of the hose. The dual-channel design has a variety of pressure tube methods. The pump heads can be cascaded to provide large flow transmission to meet different work requirements.

### Solid and durable

Shell surface anodized, rollers  
Made of stainless steel, high strength and corrosion resistance

### Flexible tube loading

Dual-channel design, which can be pressed in various ways to reduce transmission pulsation

### Detail upgrade

Adhesive-backed shock absorption, anti-dropout mounting screw design



### Y type hose can be installed

Dual "Y" hoses can be clipped to reduce fluid pulses. The flow rate and hose pressure are higher than those of ordinary pump heads.

### New technology

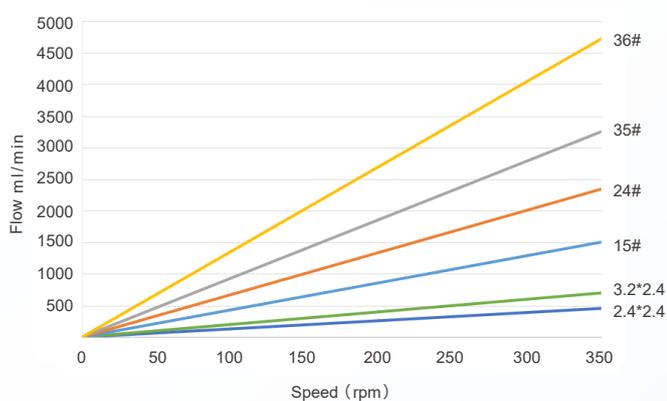
The upper pressing block processing technology is improved, and the spindle protection cover is added.

### Various packages

It is suitable for 6 kinds of hoses (constant pressure block), and the pump heads can be cascaded.

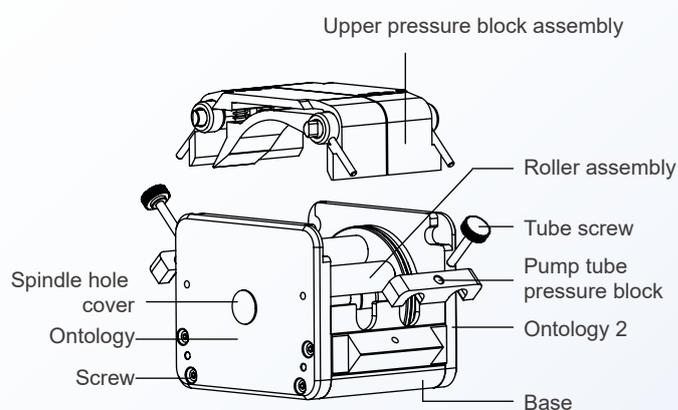
## Technical parameter

Pump head	Channel	Roller	Roller Material	Shell material	Tube	(ID*wall thickness) mm	Max speed (rpm)	Max flow (mL/min)
LP25-6-H	2	6	Stainless steel	Magnesium aluminum alloy	2.4*2.4	2.4*2.4	350	455
					3.2*2.4	3.2*2.4	350	700
					15#	4.8*2.4	350	1505
					24#	6.4*2.4	350	2345
					35#	7.9*2.4	350	3255
					36#	9.6*2.4	350	4500



LP25-6-H Flow chart

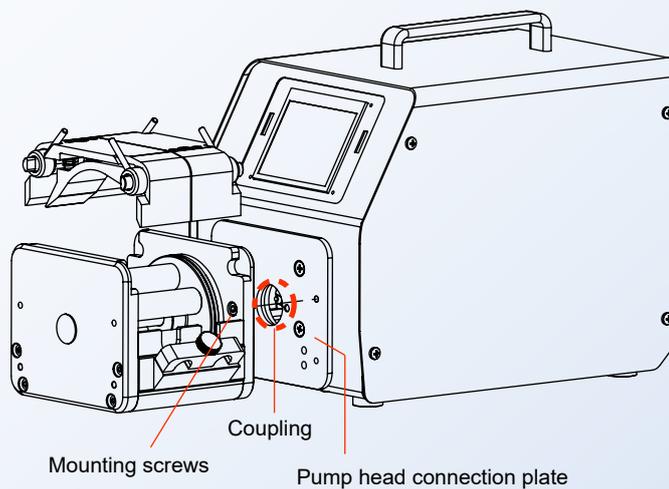
Note: The test environment for flow data is normal temperature and pressure, and the test fluid is water. The values are for reference only, please refer to the actual situation.



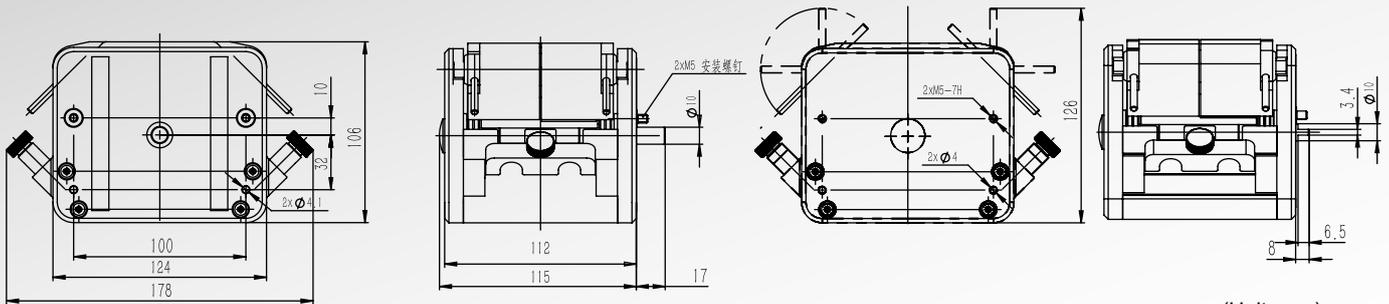
**Pump body:** anodized, corrosion resistant, high strength  
**Upper pressure block:** elastic upper pressure block, better adapt to hose assembly  
**Pump tube positioning block:** fixed hose position  
**Roller:** Stainless steel, durable

## Schematic diagram of structure and function

- ①Align the pump head shaft and insert it into the groove of the coupling.
- ②Align the positioning holes with the positioning posts of the pump head bracket, and tighten the mounting screws with an Allen wrench.

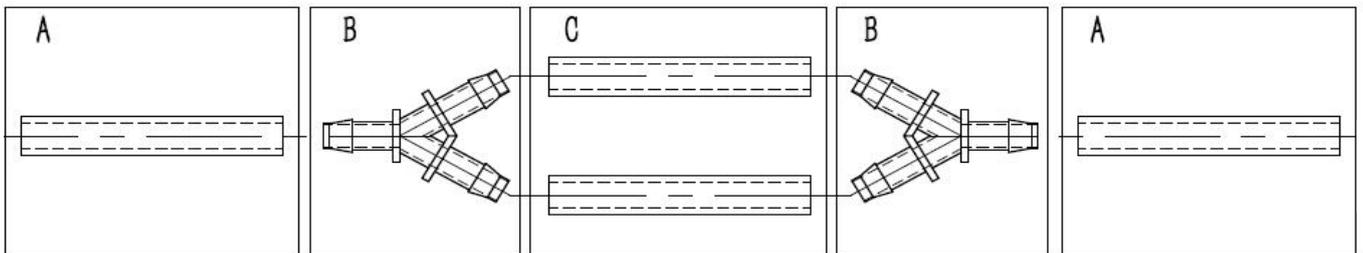


## Dimensions



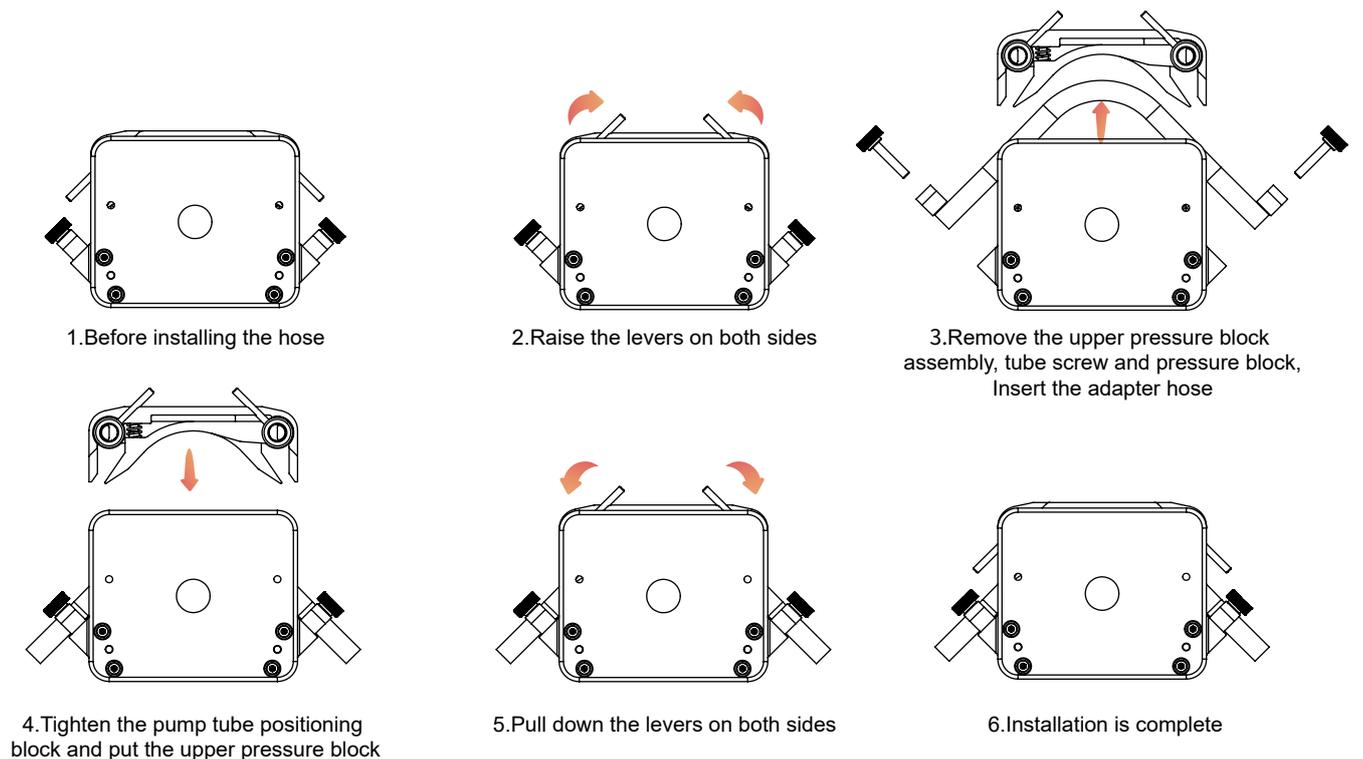
(Unit: mm)

## Hose configuration diagram



A	B	C	B	A
Inlet pipe High tear resistant silicone	Connection tee Plastic or 316 stainless steel	Peristaltic Pump Tubing Tygon	Connection tee Plastic or 316 stainless steel	Outlet tube Pharmed

## Hose Installation Diagram



\* Technical parameters are subject to change without notice