

# YZ15S series

PRODUCT  
DESCRIPTION

YZ peristaltic pump series



## YZ15S-1/YZ15S-2

Easy-to-install peristaltic pump head

### PRODUCT DESCRIPTION

Used in dental implanters, fermenters, supporting analytical instruments, packaging of diagnostic reagents, etc.



Max flow

YZ15S-1:380mL/min  
YZ15S-2:185mL/min/Channels

Max speed: 300rpm



### YZ15S series peristaltic pump

YZ15S series easy-to-install peristaltic pump head, small and beautiful in appearance. The shell is made of special engineering plastics, which improves the service life of the pump head. It can be matched with various types of hoses and motors, and supports OEM customization.

#### Specialize in small traffic

Stable flow rate and superior performance

#### Single/dual channel optional

Single/dual channel options available

#### Easy hose loading and unloading

Adaptive tube clip design for better adaptation to hose assembly



#### Small and beautiful

Small size, compact structure design

#### Knob switch design

Easy opening and closing for convenient tube loading

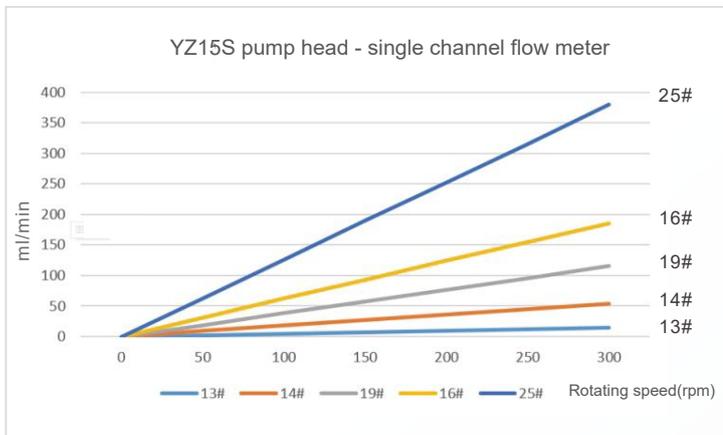
#### Supporting various types of hoses and motors

Meet more needs of customers

## Pump head parameter table

Note: This series of pump head 42 DC motor is not suitable for PharMed BPT tube type

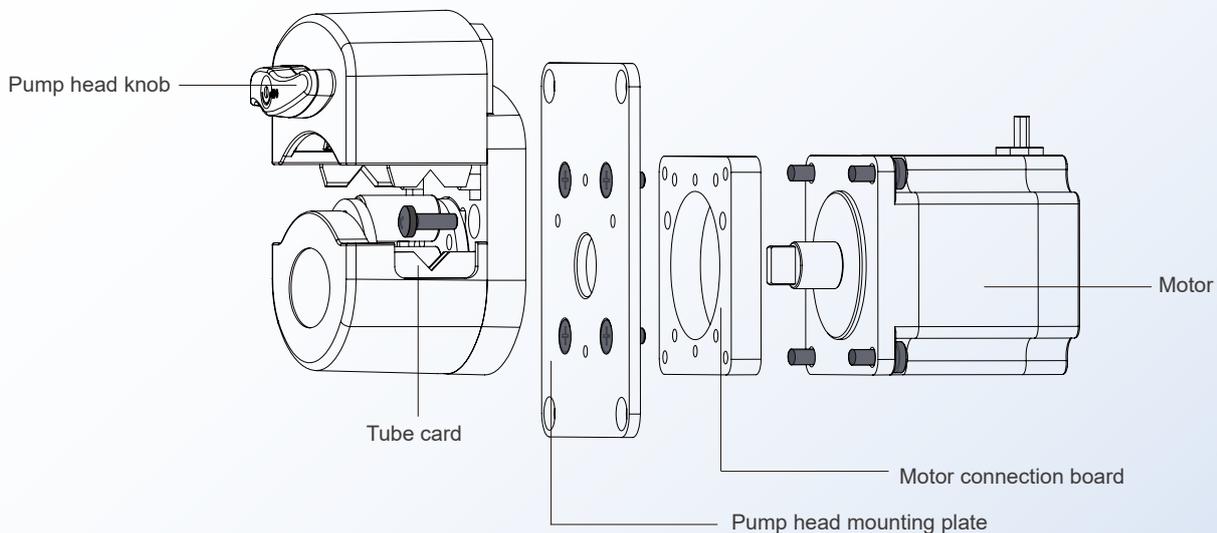
Pump Head	Channels	Rollers	Max Speed (rpm)	Hose Specifications (Id* Wall Thickness)mm	Fax Flow (mL/min)
YZ15S-1	1	3	300	13# / 0.8X1.6	380
				14# / 1.6X1.6	
				19# / 2.4X1.6	
				16# / 3.2X1.6	
				25# / 4.8X1.6	
YZ15S-2	2	3	300	13# / 0.8X1.6	185/channels
				14# / 1.6X1.6	
				19# / 2.4X1.6	
				16# / 3.2X1.6	



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.

## Schematic diagram of structure and function

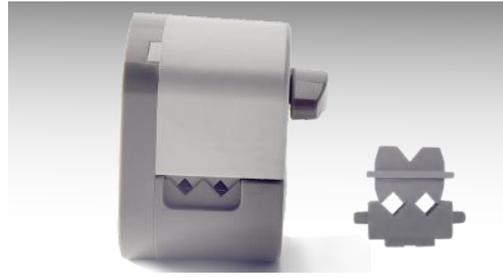
Pump head → Pump head mounting plate → Motor connection board → Matching motor



## Single and dual channel optional



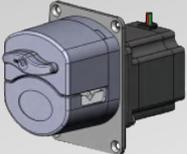
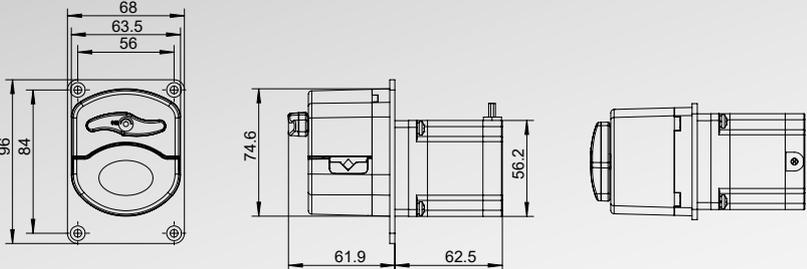
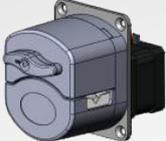
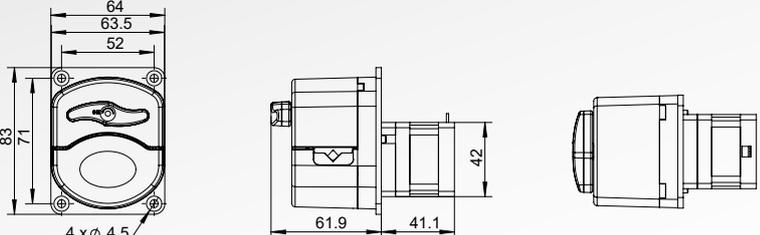
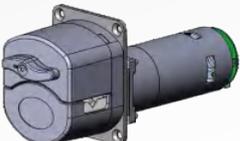
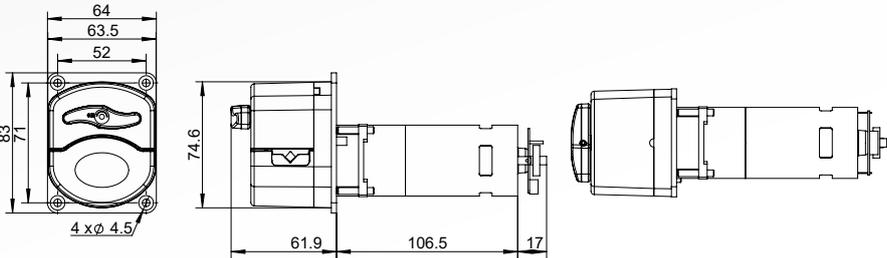
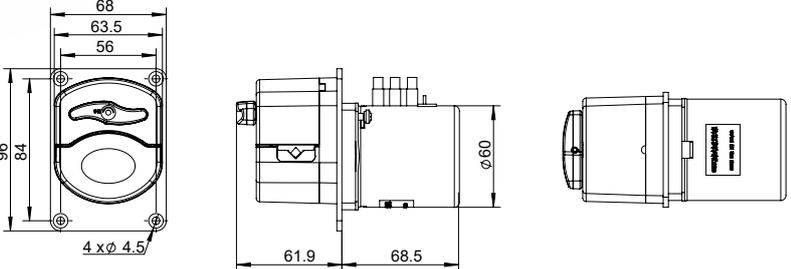
YZ15S-1 single channel display



YZ15S-2 dual channel display

## Dimensions

Note: A variety of motor matching schemes can be used for practical application selection.

<p>UCP315-A2 (Max flow 380mL/min)</p> 	
<p>UCP315-A1 (Max flow 380mL/min)</p> 	
<p>OEM215 (Max flow 380mL/min)</p> 	
<p>ACM115 (Max flow 126mL/min)</p> 	

(Unit: mm)

## Hose Installation Diagram

- Only touch the inner wall of the hose during fluid transfer, high hygiene level
- Compact structure design, stable transmission performance



### Display before installation

- Rotate the switch knob 180° counterclockwise
- Open the upper pressure block and install the adapter hose

### Display after installation

- Rotate 180° clockwise and press down to close the upper pressure block

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