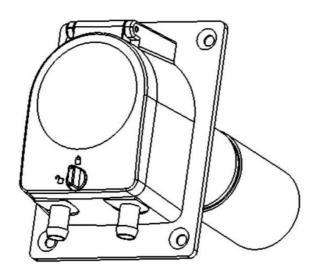
# **Shenchen Precision Pump Manual of OEM-UXZ Series**



# ⚠ Note:

- > The crack of tubing because of wear results in the overflow of fluid from tubing. In that time human body and equipment may be hurted. Must check usually and change the tubing in time.
- > If the pump head is accidentally in water, apply soft cloth and other absorbent soft cloth to wipe dry to prevent damage to the pump head
- > The peristaltic pump should be carefully checked tubing if has damage before each start.
- Tubing use after a period of time, tubing can be 90 ° rotation; For single-tube tubing pump, it can also twitch the tubing to change the pressure point of the tubing and prolong the service life of the tubing.
- Loosen the tubing when not in use for a long time.

# Catalog

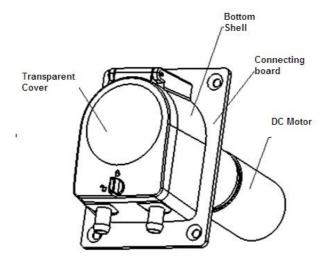
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#### 1. Product Introduction

OEM-UXZ series OEM pump come with DC planetary reducer motor and UD15 pump head, can fit for 16#, 25# and 17# tubing. Flow rate range: 0.08-930mL/min, depend on the motor speed.

#### 2. Product Composition



#### 3. Motor Specification

Voltage: DC12V/24V Power consumption: 30W

Motor size: φ37mm

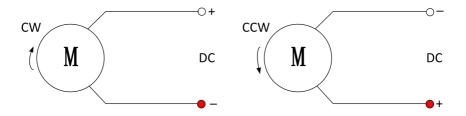
Speed error: ≤±10%

Working condition temperature: 0-40  $^{\circ}$ C

Relative humidity: <80%

Model No.	Voltage and Speed
OEM-UXZ03	DC12V, 150rpm
OEM-UXZ06	DC12V, 350rpm
OEM-UXZ13	DC24V, 150rpm
OEM-UXZ15	DC24V, 300rpm
OEM-UXZ16	DC24V, 350rpm

## 4. Motor Interface Definition



## 5. Pump Head Specification

Model	Housing Material	Motor (rpm)	Tubes	Flow rate (ml/min)	Weight (kg)
			16#	0.08-280	
UD15	Body: PFS	0.1-350	25#	0.16-580	0.12
	Cover : PC		17#	0.26-930	

## 6. Tubing Installation

## **Tubing Installation Procedure**



1. As below picture, turn the holding pin to unlocking position



2. Open the transparent cover

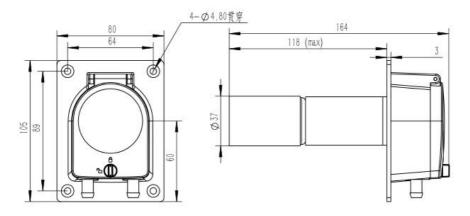


3. Install the tubing



 Close the transparent cover, and turn the holding pin to unlocking position

## 7. Dimension Drawing (mm)



#### 8. Maintenance

- When pump is not working, please loose the cartridges of pressing the tubing for avoiding changing the shape of tubing because of longtime extrusion.
- > Keep the rollers of pump head clean and dry, otherwise it can quicken the tubing wearing, reduce the useful life of tubing and lead the rollers to damage in earlier.
- > Pump head can not resist super corrosive liquid. Please pay attention to it when it is using.
- Keep the rollers of pump head clean and dry. If the surface of rollers is not clean, it can quicken the tubing wearing, and reduce the useful life of tubing. If liquid were on the rollers, please dry it. Longtime moisture can damage the rollers.



## 9. Warranty and After Sales Service

We support one year warranty for the pump (not including tubing). In the warranty, the products are damaged because of users' wrong operation or other human damages, our company have not responsibility for warranty. Beyond the warranty, our company only receive the costs of maintenance. Refer to all maintenance including in and beyond the warranty, our company can not bear any freight charges because of maintenance.

#### MADE IN CHINA

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