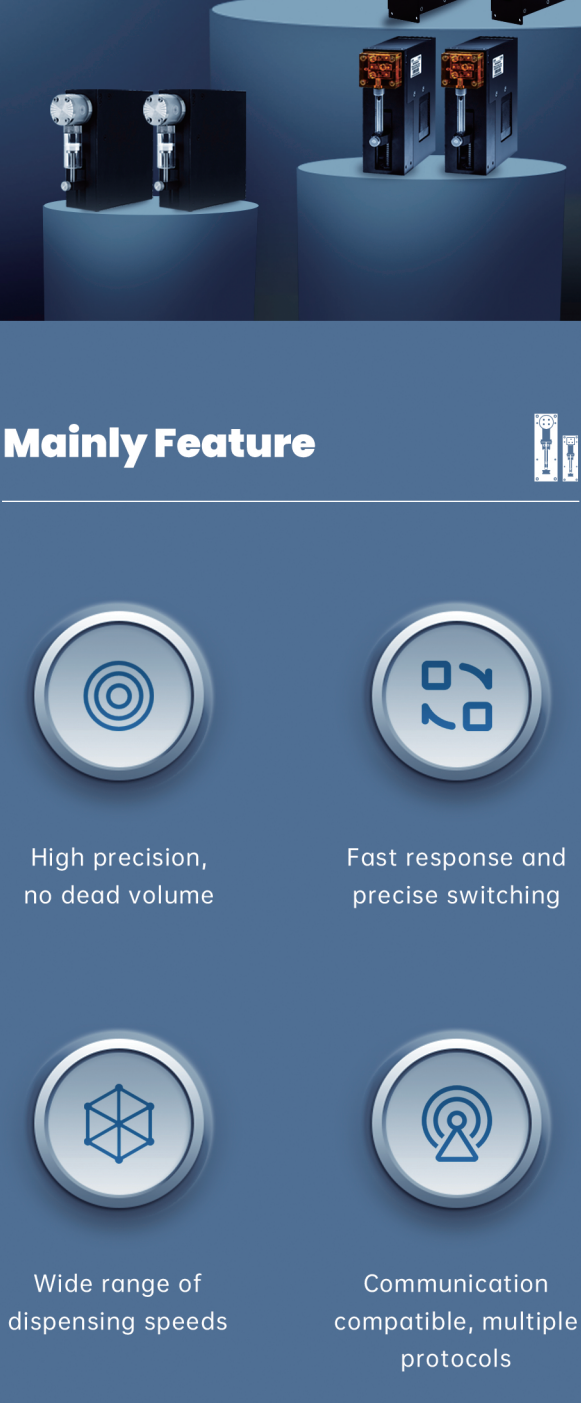


# Syringe Pump



## Mainly Feature

- High precision, no dead volume
- Fast response and precise switching
- Wide range of dispensing speeds
- Communication compatible, multiple protocols
- Self-contained drive with programmable input commands
- Long life cycle maintenance-free

## Product parameters

30 mm stroke single-channel / 60 mm stroke single-channel / 60 mm stroke multi-channel

Piston speed: 1.2s - 20min | 1.2s - 9600s  
 Rated voltage: 24V DC±10%

Type of communication: Rs232, Rs485, CAN  
 Working Temperature: 59°F (15°C) To 104°F (40°C)

Motor Current: 2.0 A (Peak)  
 Syringe interface: 1/4-28 UNF

Resolution: Standard model 3000, Min step model 24000 | Standard model 6000, Min step model 48000

Precision: Accuracy <math>\leq 1\%</math>, room temperature, syringes of 1ml and above, deionized water | 100% range accuracy <math>\leq 1\%</math>, room temperature, syringes 250μL and larger, deionised water

Syringe Displacement: 30 stroke: 100μL, 250μL, 500μL, 1mL, 2.5mL, 5mL  
 60 stroke: 100μL, 250μL, 500μL, 1mL, 2.5mL, 5mL, 10mL

Syringe material: High borosilicate glass + UHMWPE or High borosilicate glass + PTFE

Remark: Interfaces can be customized to other specifications, please contact us for detail.  
 For reference only, for further details please contact us.

## Increase

- Rotary shear valve head (Current): Pressure range 0.68Mpa
- Solenoid valve head (Additional): Pressure range -75Kpa-0.2Mpa
- Single pump (Current)
- 4-Channel pump (Additional)

## New sizes

### 5666 Rotary shear valve syringe pump (60mm stroke)

For reference only. More details please refer our specification

### 5666 Solenoid valve syringe pump (60mm stroke)

For reference only, more details please refer our specification

### 5A33 Syringe pump (60mm stroke)

For reference only, more details please refer our specification

## Commonly used port types

The following ports are all in common use. There are also "three-channel, four-channel, six-channel, nine-channel" for you to choose

### Two-channel switching type solenoid valve head

Z command reset example:

- I command, port 1 Input
- O command, port 2 Input

Y command reset example:

- I command, port 1 Input
- O command, port 2 Input

### Three-channel distribution type solenoid valve head

Z command reset example:

- I<1> Command, 1 Port Input
- O<3> Command, 3 Port Input
- B<2> Command, 2 Port Pass Injector

Y command reset example:

- I<1> Command, 1 Port Input
- O<3> Command, 3 Port Input
- B<2> Command, 2 Port Pass Injector

### Three-channel switching type rotary valve head

Z command reset example:

- I command, 1 port Input
- O command, 2 ports Input
- B command, 1 port through 2 ports

Y command reset example:

- I command, 1 port Input
- O command, 2 ports Input
- B command, 1 port through 2 ports

### Three-channel distribution type rotary valve head

Z command reset example:

- I<1> Command, 1 Port Input
- O<3> Command, 3 Port Input
- B<2> Command, 2 Port Pass Injector

Y command reset example:

- I<1> Command, 1 Port Input
- O<3> Command, 3 Port Input
- B<2> Command, 2 Port Pass Injector