

## DS100 Four Channels Dispensing System

### Product introduction

Four channels dispensing system is suitable for various fluid; volume range: 0.5-100 mL; four filling channels can work at the same time. Each channel will stop working when lack of the bottle. Color LCD touch screen with intuitive and clear displaying interface, easy to operate.

### Function and Feature

- Stainless steel housing, easy to clean, excellent resistance to the corrosion of the acid, alkali, sodium and the organic solvents.
- Color LCD touch screen with intuitive and clear displaying interface, easy to operate.
- Unique intelligent calibration system, greatly reducing the workload of users and improving efficiency.
- Can cascade for more channels
- Applicable pump head: YZ15, YZ25
- Volume range: 0.1-100 ml/min.
- Dispensing time: 0.1-99.99 second.
- Dispensing accuracy: up to 0.5%.
- Speed resolution: 0.1rpm.
- Fine adjustment on line, it is convenient for users adjusting flow rate as tubing's aging.
- With offline and online function for each channel.
- The circuit board with conformal coating makes it dust-proof and moisture-proof.
- Each channel will stop working when lack of the bottle.

Driver: DS100  
Pump head: YZ-15



Dispensing volume: 0.5-100ml

### Technical parameters

- Technical parameters : DS100
- Filling range(mL) : 0.5-100
- Speed range(rpm) : 0.1-150
- Speed resolution(rpm) : 0.1
- Flow accuracy : <0.5%

- Power supply : AC220V  $\pm$  10% 50Hz/60Hz(standard) ;  
AC110 $\pm$  10% 50Hz/60Hz(optional)
- Power consumption : <160W
- External control : External bottle-lack signal and start signal
- Communication interface : RS485 communication interface, MODBUS protocol is available.
- Operating condition : Temperature 0 ~ 40 °C; Relative humidity <80%
- IP grade : IP31
- Dimensions(LxWxH) : 940x230x247(mm)
- Weight : 21kg