

# GS600

## PRODUCT DESCRIPTION

### GS600 filling system



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Can handle the transfer and production filling of a variety of liquids, Mainly used in food, beverage, pharmaceutical, chemical, biopharmaceutical and other industries.

Max flow  
4560mL/min

Max speed  
600rpm



## GS600

GS600 is an intelligent filling system. It is controlled by a 5-inch industrial-grade LCD touch screen. The operation is simple and smarter. The standard unit is 4 channels, which can be expanded to 16 channels at most. It has intelligent calibration and online fine-tuning functions. It can be installed YZ series, DG series, TX315, LP15-6 and other pump heads, provide MODBUS/RS485 communication protocol, support external control, and realize remote control.

### Industrial touch screen

5-inch industrial-grade touch LCD screen, real-time display of working status, fillingSmarter data control.

### Support customization

Standard drive unit is 4 channels, expandable to 16 channels by stacking.

### Power off save

With power-off save function, the filling parameters before power-off can be memorized.



### Data storage

It can store 12 common filling patterns, which can realize fast filling.

### Adapt to multiple pump heads

Can be installed with YZ series, DG series, TX315, LP15-6 and other pump heads.

### Support external control

Support RS485/MODBUS communication protocol, foot switch control.

## Filling pump parameter table

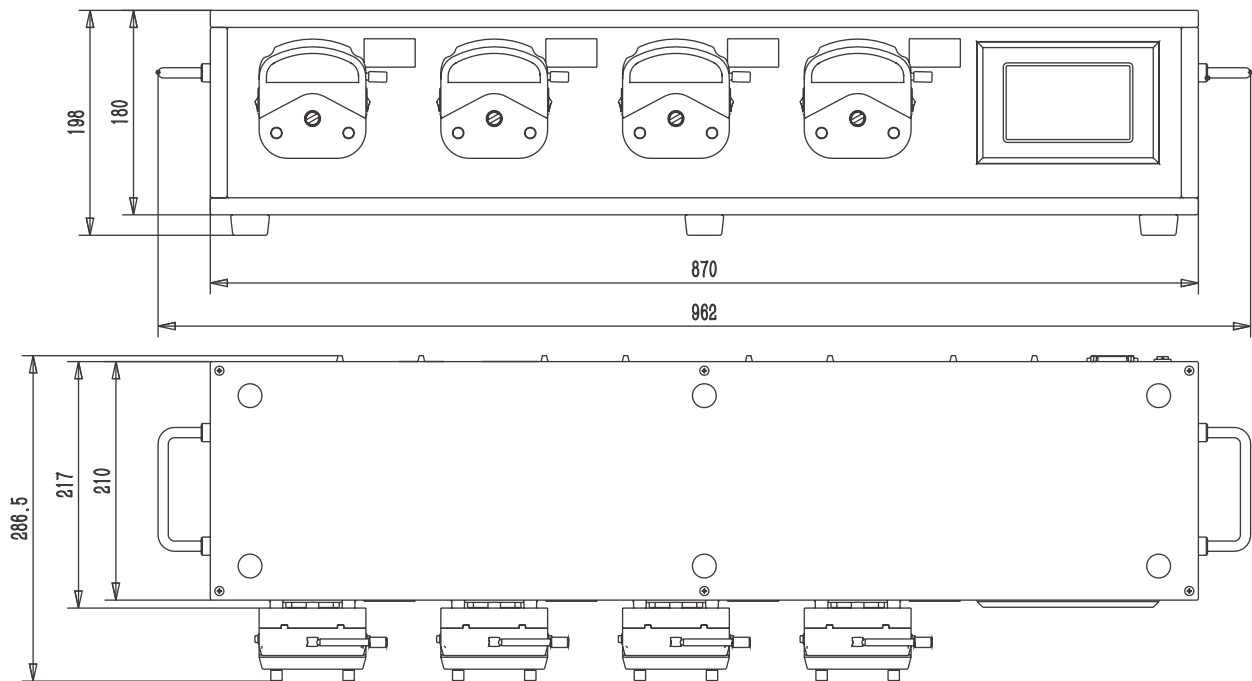
Max flow	4560mL/min
Max speed	600rpm
Control method	Touch screen main controller + external control
control mode	Internal control mode, external control mode
Calibration method	Scale adjustment, volume calibration
Flow fine-tuning range	80%-120%
Pump head	DG series、YZ1515x、YZ2515x、TX315、LP15-6
Customer data storage	12 group
Outlet pressure	0.1-0.12Mpa
Communication Interface	RS485 bus
Communication protocol	ModbusRTU Standard protocol
Power supply	Controller-AC90-260V/50/60Hz Single group system-AC180-260V/50/60Hz
Power interface	AC220V±10% (Standard) or AC110V±10% (Optional)
Motor	Stepper motor
Motor voltage	DC 48V
Power	400W (Single group filling unit - 4 heads)

**Note:** The flow data test environment is normal temperature and pressure, and the test fluid is water. The values are for reference only, please refer to the actual situation. For specific needs, please consult Chuangrui Company.

## Filling application and performance index

Filling volume	0.001mL-9999.99mL/time	Display adjustment resolution: 0.01mL
Filling time	0.3-9999.9s/time	Display adjustment resolution: 0.1s
Intervals	0.3-9999.9s/time	Display adjustment resolution: 0.1s
Filling times	0-9999 times	"0" means infinite loop
Suction angle	0-720°	Display adjustment resolution: 1°
Suction speed	0-300rpm	Display adjustment resolution: 1rpm
Suction back delay	0s-60s	Display adjustment resolution: 0.1s
Channels	4 channels/unit (standard) 2 3 4 5 6 channels/unit (optional)	Expandable up to 32 channels

## Dimensions



(Unit: mm)

\* Technical parameters are subject to change without notice.

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