

EXPLOSION-PROOF MOTOR PERISTALTIC PUMP

Servo explosion-proof motor peristaltic pump

**GFB600C**

Can be used in chemical, medical and other industries

Max flow: 12000mL/min

Max speed  
600rpm  
(Reversible)



Technical parameter	
Model	GFB600C
Max speed	600rpm (reversible)
Max flow	12000mL/min
Speed resolution	0.1rpm
Display method	4-digit led displays current speed/flow
Speed mode	Explosion-proof button to adjust the speed
Suction angle	10°~720° (0° means no back suction)
Suction speed	10-300rpm
Power	≤400W
Power supply	AC220V±10%
External control method	Start control/direction control/speed control (0-5V, 0-10V, 4-20mA optional) RS485 serial communication
Motor protection level	IP65
Motor explosion-proof level	ExdIIBT4

### Motor protection

Motor protection level IP65

### Four digits

The parameter adjustment of speed and traffic is more intuitive

### External control function

Support MODBUS protocol, simulation control and other external control functions



### Electric explosion-proof

Motor explosion-proof mark ExdIIBT4

### Various functions

Have calibration functions, absorbing functions

### Applicable industries

Can be used for chemical industry, medical care and other industries

## Pump Head/Hose Specifications

Pump head	Model	Tube	ID(mm)	Wall thickness (mm)	Max flow (mL/min)	Max speed (rpm)
	YZ35	73#	9.6	3.3	7400	600
		82#	12.7	3.3	12000	600
	YZ35-13L	73#	9.6	3.3	7400	600
		82#	12.7	3.3	12000	600
	YZ35LS	73#	9.6	3.3	7400	600
		82#	12.7	3.3	12000	600

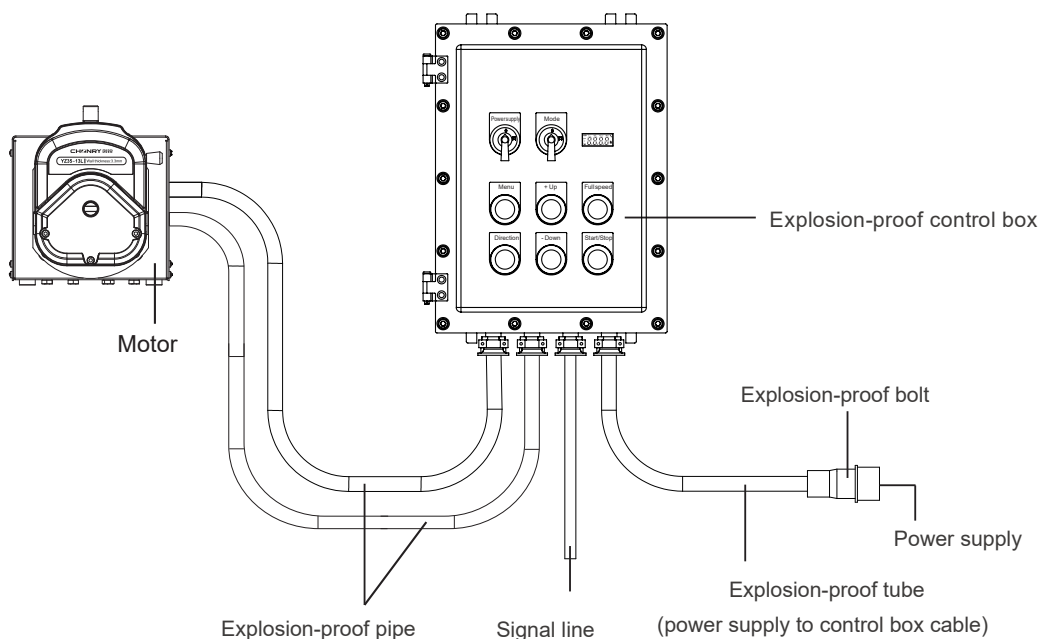
#### Test conditions:

- Flow data testing environment for room temperature 20-25 °C, relative humidity is not more than 80%, altitude is not more than 1500 meters.
- The test is measured using a straight-through tube, suction range of 0.5 meters, the head is not more than 0.5 meters, the total length of the tube is not more than 1.5 meters (inlet end + outlet end + test end).

The above data is tested under normal temperature and pressure, the test hose is a silicone tube, and the test liquid is water. The data is for reference only, please refer to the actual situation.

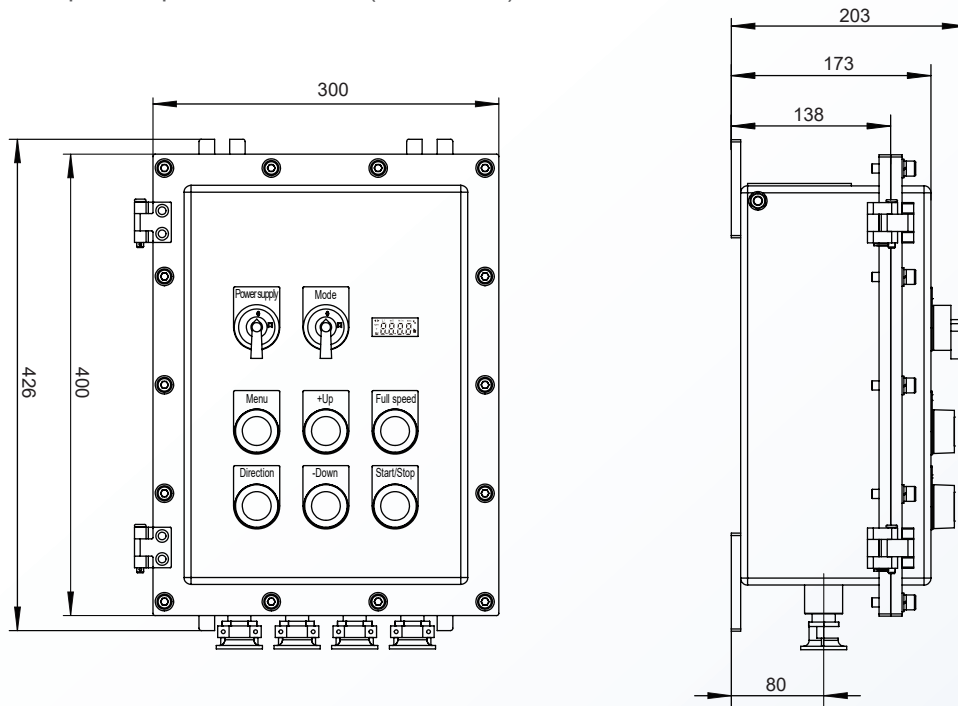
\* For specific needs, please consult Chuangrui Company.

## Structure diagram

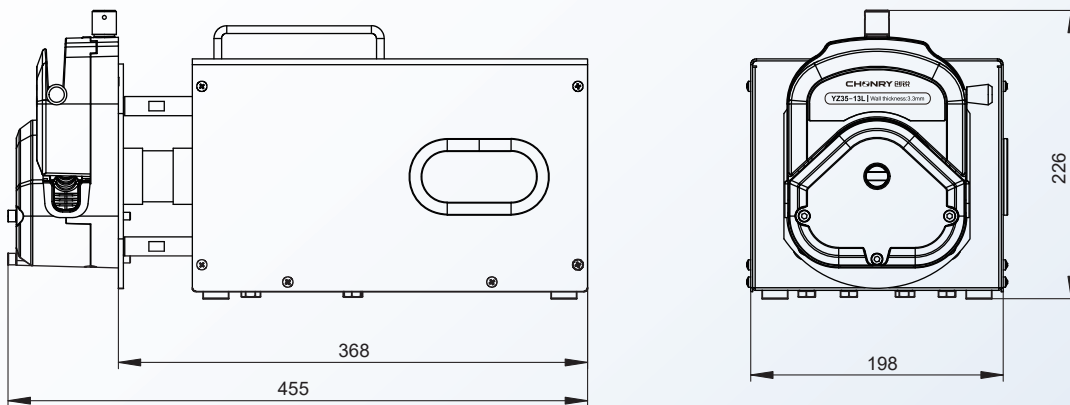


**Note:** The default length of the explosion-proof pipe between the explosion-proof motor and the explosion-proof box is 1.5 meters. If other lengths are required, they can be customized.

Dimensions of explosion-proof control box (control unit):



Dimensions of the motor pump head (working unit):



(Unit: mm)

\* Technical parameters are subject to change without notice.

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