

■ Dispensing Peristaltic Pump—SG600FC

- Intelligent
- High precision
- Filling
- Customizable



* Quick description

- **Drive Model:** SG600FC
- **Speed range :** 0.1-600 rpm(reversible)
- **Flow range :** 1.3~12000ml/min
- **Max channels :** 2
- **Foot pedal :** Yes
- **Pump Head :** YZ35-13 YZ35

* Touch screen + shortcut keys





Touch screen area: toolbar, parameter setting display, working status display
Key area: full speed key, direction key, menu key, start / stop key

* Parameter setting display



Filling volume:(0.01-9999ml)
Filling time:(0.1s-9999min)
Intervals time:(0.1s-9999min)
Filling times:(0-9999t "0" is infinite loop)

■ FC Product Composition & Flow Range

Pump head & Flow(ml/min)		
Model	YZ35-13 (PPS)	YZ35 (Aluminum)
SG600FC		
Speed range	0.1-600rpm	
Tube	73# - 9.6*3.3(mm) / 82# -13*3.3(mm)	
Flow range	1.3-7400ml/min / 2-12000ml/min	

■ SG600FC Technical Parameters

Technical Parameters			
Speed range	0.1~600rpm	speed resolution	0.1rpm
Flow range	1.3~12000ml/min	Filling Accuracy	<±0.5%
Flow calibration	Yes	Control Method	Touch screen + keypad
Display Mode	LCD(EN and CN)	Suckback angle	10°~720° (1° Stepping)
Suckback speed	10~300rpm	Power supply	AC220V±10% or AC110V±10%
Power consumption	<400W	Environment Temperature	0~40°C
Relatively Humidity	<80% No condensation	Drive size	305×236×302 (mm)
Drive weight	21kg	Motor type	Stepper motor
IP grade	IP31	Working mode	Transmission&Dispensing
External control interface	DB-15	External control	Yes

Product Applications

Hair conditioner:

Filling volume - 150ml

Filling time - 5sec

Intervals time - 5sec

Filling times - 3t



Suitable Bottle&uitable Tube								
Pump Head	Tube	Speed range (rpm)	Flow rate (ml/min)	Suggest bottle volume(ml)	Cases:Filling bottles/min			
					50ml	100ml	500ml	1L
YZ35-13	73#	0.1-600	1.2-7400	50 to 1000	74	37	7	
	82	0.1-600	2-12000	100 to 2000		60	12	6

Application:Pharmaceutical filling ,Food filling,University laboratory,Water treatment,Cosmetic filling,Beverage filling



FC series Features

Advantages of FC series

Intelligent dispensing peristaltic pump :

- **Data Storage function** : Can store 9 sets of filling data.
- **Memory function**: Data will be stored in time after power off.
- **Flow calibration** : Calibrate with mearsure cup ,to ensure the filling accuracy .
- **Full speed**: Used for quick cleaning, filling and emptying tubes.
- **Suck back function**: Prevent liquid dripping and ensure fluid accuracy.
- **lock screen function** :To avoid error touch ,more security for production .
- **Remote control** : Support modbus protocol ,support analog control .Support Customized .
- Multiple language interface ,support customized.

Packing List



SG600FC*1



Silicone tube*2m



Plastic connector*2



Power plug*1



Foot switch*1



User manual*1

Accessories Selection



① Silicone tube



② Plastic connector



③ Check valve



④ Remote control cable



⑤ Needles



⑥ Filling Stand