

■ Dispensing Peristaltic Pump—BT100FC



* Quick description

- **Drive Model:** BT100FC
- **Speed range :** 0.1-100 rpm(reversible)
- **Flow range :** 0.0015~380ml/min
- **Max channels :** 2
- **Foot pedal :** Yes
- **Pump Head :** YZ1515x, YZ2515x, DG

* 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	BT100FC/YZ1515x	BT100FC/YZ2515x	BT100FC/DG1~12 (6Roller)	BT100FC/DG1~12 (10Roller)
BT100FC				
Tube	13#14#19#16#25#17#18#	15#,24#	0.5*0.8,1*1,2*1,2.4*0.8,3*1	
Flowrate 0.1-100 rpm	0.007~380	0.17~290	0.002~36 /channel	0.0015~27/channel
Max channels	2	2	1~24 optional	1~24 optional

■ BT100FC Technical Parameters

Technical Parameters			
Speed range	0.1~100rpm	speed resolution	0.1rpm
Flow range	0.0015~380ml/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	10~100rpm	Power supply	AC220V±10% or AC110V±10%
Power consumption	<22W	Environment Temperature	0~40°C
Relatively Humidity	<80% No condensation	Drive size	212×139×240(mm)
Drive weight	3.98kg	Motor type	Stepper motor
IP grade	IP31	Working mode	Transmission&Dispensing
External control interface	DB-15	External control	Yes

Product Applications

Filling volume - 15ml Filling time - 2sec Intervals time - 2sec Filling times - 5t



Suitable Bottle	
Bottle capacity	Filling bottles/min
1ml	200pcs
2ml	100pcs
5ml	40pcs
10ml	20pcs
50 ml	4pcs
etc.	etc.

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 measure 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



BT100FC*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