

■ Dispensing Peristaltic Pump—BT600FC/LP25-6



* Quick description

- **Drive Model:** BT600FC/LP25-6
- **Speed range :** 0.1-350 rpm(reversible)
- **Flow range :** 4000ml/min
- **Max channels :** 2
- **Foot pedal :** Yes
- **Pump Head :** LP25-6

* 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)		
	BT600FC	Pump head LP25-6
BT600FC/LP25-6		
Tube	2.4*2.4 3.2*2.4 15# 24# 35# 30#	
Max flow (350rpm)	4000ml/min	

■ BT600 FC/LP25-6 Technical Parameters

Technical Parameters			
Speed range	0.1~350rpm	speed resolution	0.1rpm
Max flow	4000ml/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	//	Environment Temperature	0~40°C
Relatively Humidity	<80% No condensation	Drive size	212×135×240(mm)
Drive weight	13kg	Motor type	Stepper motor
IP grade	IP31	Working mode	Transmission&Dispensing
External control interface	DB-15	External control	Yes

Product Applications

High transmission accuracy, mostly used for small dose filling: it can be filled with xilin bottles, ampoules, injections, etc



Pump Head	Tube (mm)	Speed range (rpm)	Flow rate (ml/min)	Suggest bottle volume(ml)	Cases:Filling bottles/min					
					2ml	5ml	10ml	50ml	100ml	500ml
LP25-6 (12 rollers)	2.4*2.4	0.1-600	0.12-420	0.2 to 2	105	42				
	3.2*2.4	0.1-350	0.205-720	2 to 5		72	36			
	15#	0.1-350	0.48-1680	5 to 20		168	84	16	8	
	24#	0.1-350	0.757-2650	20 to 50				26	13	
	35#	0.1-350	0.942-3300	50 to 100				33	16	3
	30#	0.1-350	1.142-4000	100 to 500						4

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



BT600FC/LP25-6*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