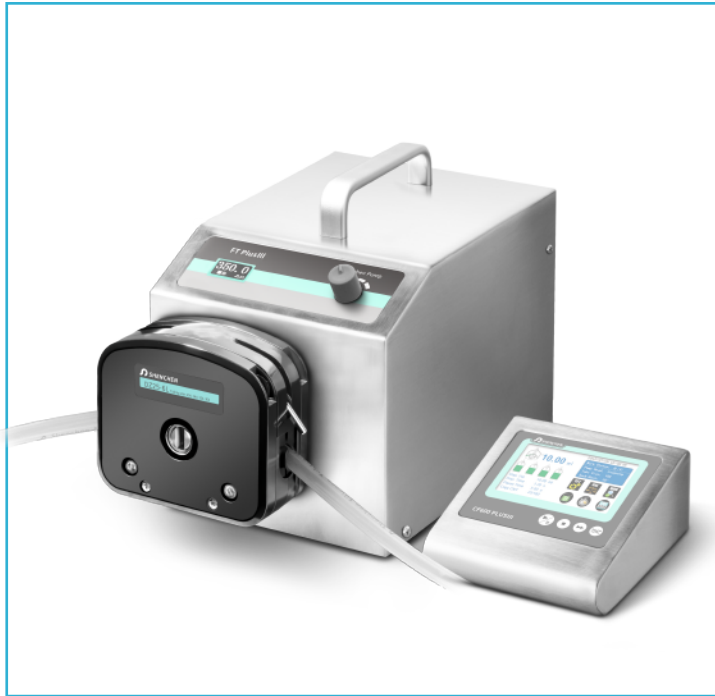




Split Type Filling System



Model No. : CF600 PlusIII

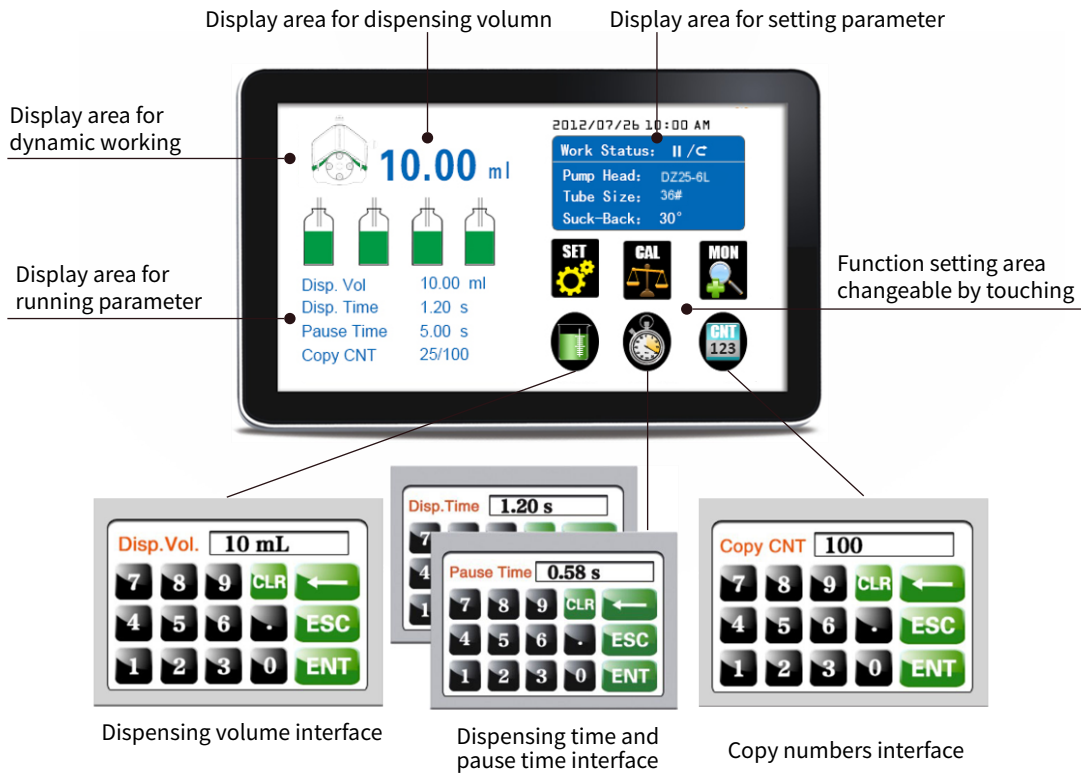
Product Features

- Split design, adding or deleting filling units freely.
- One controller can control 1-32 filling units.
- Each filling unit can receive stop filling signal when bottle absent.
- Controller screen display the working status of the filling units.

Typical Application

Laboratory dispensing; Industry filling

Screen Display





Technical Specifications

Drive	Pump Head	Flow Rate (mL/min)	Motor Type	Drive Dimension (L×W×H)	Power Consumption	Drive Weight
CF600 PlusIII	DZ25-6L	0.3-6000	Closed-loop stepper motor	283×192×244mm	Each unit<180W	7.8kg

Speed range	0.1-600 rpm	Keypad lifetime	300,000 times
Filling volume range	0.01-9999.99 mL	Start/stop, direction signal	Passive switch signal, such as foot pedal switch; Active switch signal: 5-24V universal
Filling time range	0.1-9999.99 s		
Pause time range	0.1-9999.99 s	Communication interface	RS485 communication Modbus protocol(RTU mode)
Filling volume resolution	0.01 mL		
Time resolution	0.01 s	Output interface	Output motor working status (Open-Collector output)
Copy numbers	1-9999 times,0 represent unlimited		
Back suction angle	0-360°	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Filling accuracy	<±0.5%		
Display	4.3" industrial grade true color LCD screen	Condition temperature	0-40°C
Control method	Touch screen and mechanical keypad	Relative humidity	<80%

Product Composition and Flow Rate Range

Drive	Pump Head	Pump Head Material	Tube Clamp Material	Tubing		(Motor Speed 0.1~600rpm) Flow Rate mL/min
				Tubing Size	ID×Wall Thickness	
CF600 PlusIII	DZ25-6L	Aluminum alloy/PPS	PP	15#	4.8×2.4 (mm)	0.3~1800
				24#	6.4×2.4 (mm)	0.55~3300
				35#	7.9×2.4 (mm)	0.8~4800
				36#	4.8×2.4 (mm)	0.1~6000

Filling Volume Reference Parameter(Media is water)

Drive	Pump Head	Tubing	Filling Volume (mL)	Filling Time (s)	Accuracy (±%)	Output (pcs/min)	Motor Speed (rpm)
CF600 PlusIII	DZ25-6L	15#	30	1.2	0.5	27	500.00
		24#	50	1.2	0.5	27	454.55
		35#	70	1.2	0.5	27	437.50
		36#	100	1.5	0.5	24	400.00



Pump Head



DZ25-6L(PPS)



DZ25-6L(Aluminium Alloy)

Dimension Drawing (Unit:mm)

