



Split Type Filling System



Model No. : CF600 PlusIV

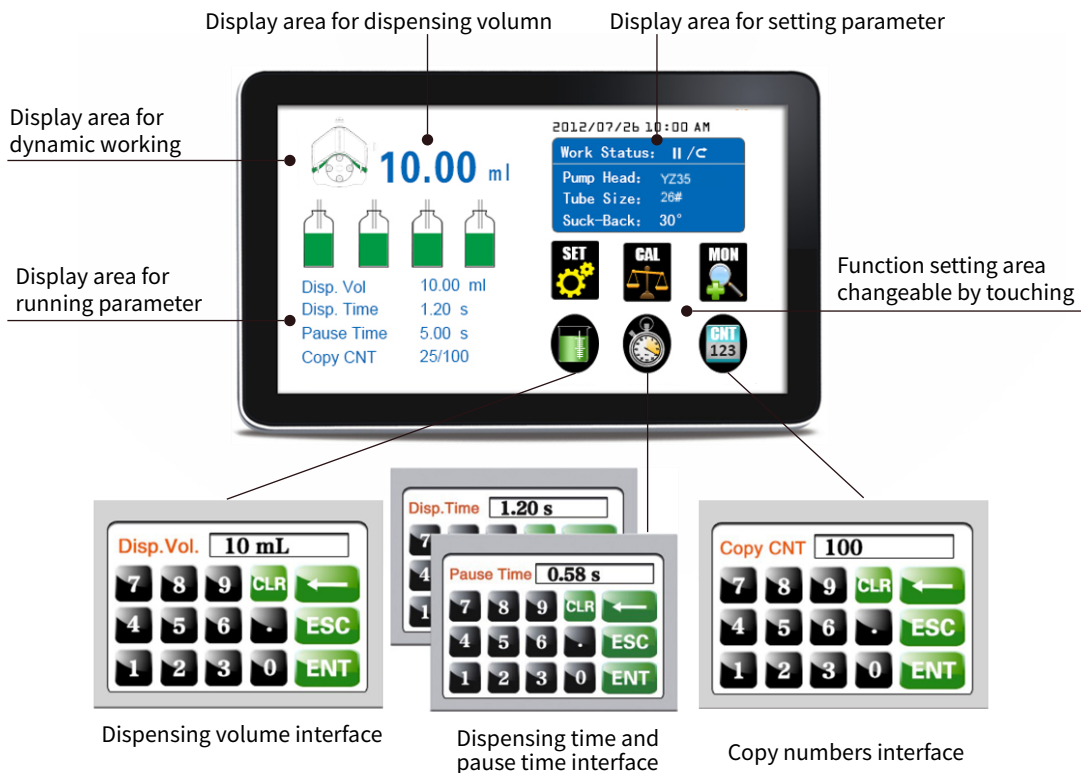
Product Features

- 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 PlusIV	YZ35	0.69-12000	Closed-loop stepper motor	302×222×304mm	Each unit<300W	11.9kg

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	Output interface	Output motor working status (Open-Collector output)
Time resolution	0.01 s		
Copy numbers	1-9999 times,0 represent unlimited	Power supply	AC 220V±10% 50Hz/60Hz (standard) AC 110V±10% 50Hz/60Hz (optional)
Back suction angle	0-360°		
Filling accuracy	<±0.5%	Condition temperature	0-40°C
Display	4.3" industrial grade true color LCD screen	Relative humidity	<80%
Control method	Touch screen and mechanical keypad		

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 PlusIV	YZ35	Aluminum alloy/PPS	PP	26#	6.4×3.3 (mm)	0.69~4200
				73#	9.6×3.3 (mm)	0.12~7400
				82#	12.7×3.3 (mm)	0.2~12000

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 PlusIV	YZ35	26#	50	1	0.5	30	434.78
		26#	100	2	0.5	20	434.78
		73#	100	1.2	0.5	27	406.50
		73#	150	2	0.5	20	365.85
		82#	200	1.5	0.5	24	400.00
	2*YZ35	73#	100	1.2	0.5	27	203.25
		73#	200	1.5	0.5	24	325.20
		82#	500	2	0.5	20	375.00



Pump Head



YZ35(PPS)



YZ35(Aluminium Alloy)

Dimension Drawing (Unit:mm)

