

Split Type Filling System



Model No. : CF600 PlusII

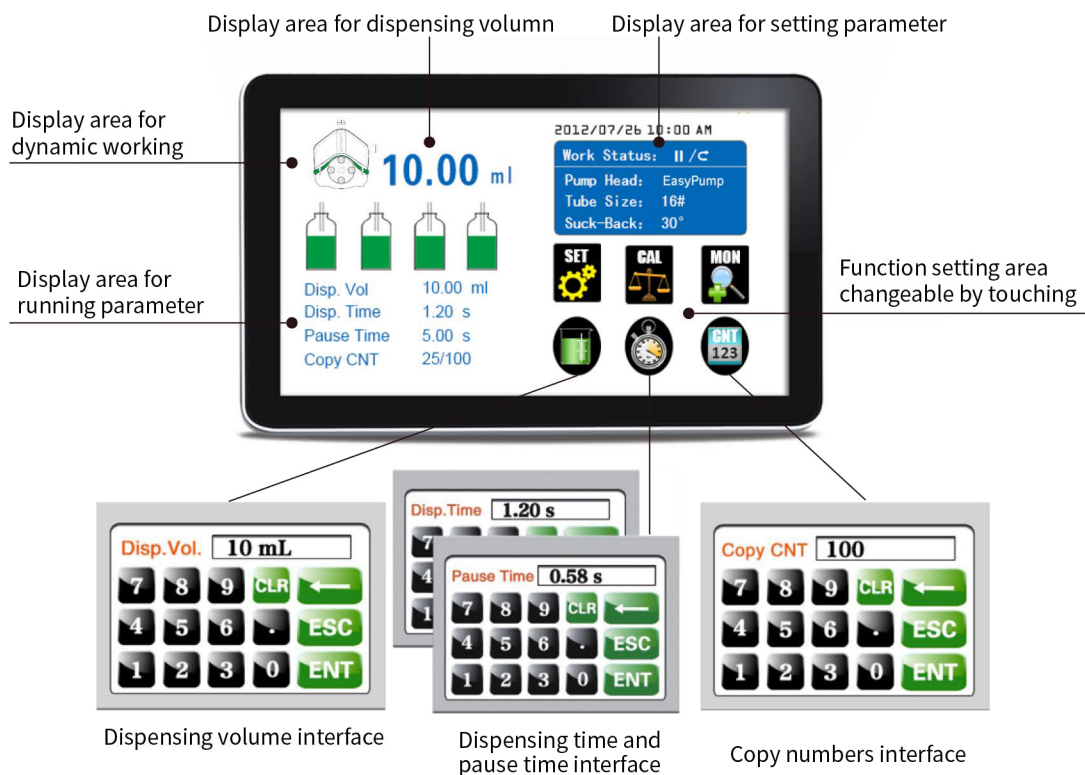
Product Features

- 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 PlusII	EasyPump	0.0053-3100	Closed-loop stepper motor	233×152×158mm	Each unit<80W	4.95kg
	DZ25-3L	0.211-3600				

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 PlusII	EasyPumpI/III	_____	_____	13#	0.8×1.6 (mm)	0.0053~32
				14#	1.6×1.6 (mm)	0.027~162
				19#	2.4×1.6 (mm)	0.055~330
				16#	3.1×1.6 (mm)	0.093~560
				25#	4.8×1.6 (mm)	0.197~1180
				17#	6.4×1.6 (mm)	0.333~2000
				18#	7.9×1.6 (mm)	0.430~2580
	EasyPumpII/IV	_____	_____	15#	4.8×2.4 (mm)	0.180~1080
				24#	6.4×2.4 (mm)	0.273~1640
				35#	7.9×2.4 (mm)	0.383~2300
				36#	6.4×2.4 (mm)	0.517~3100
	EasyPumpV/VI	_____	_____	13#	0.8×1.6 (mm)	0.0053~32
				14#	1.6×1.6 (mm)	0.027~162
				19#	2.4×1.6 (mm)	0.055~330
				16#	3.1×1.6 (mm)	0.093~560
				25#	4.8×1.6 (mm)	0.197~1180
	DZ25-3L	Aluminum alloy/PPS	PP	15#	4.8×2.4 (mm)	0.211~1264
				24#	6.4×2.4 (mm)	0.385~2310
				35#	7.9×2.4 (mm)	0.508~3050
				36#	4.8×2.4 (mm)	0.6~3600

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 PlusII	EasyPump	13#	0.4	1.2	0.8	27	377.36
		13#	1	2.5	0.5	17	452.83
		14#	2	1	0.5	30	444.44
		19#	5	1.2	0.5	27	454.55
		16#	7	1	0.5	30	450.16
		25#	10	0.8	0.8	33	381.29
		25#	15	1	0.5	30	457.55
		25#	20	1.5	0.5	24	406.71
		17#	30	1.2	0.5	27	450.05
		18#	50	1.5	0.5	24	465.12
		15#	15	1.2	0.5	27	416.67
		24#	20	1.2	0.5	27	365.90
		35#	30	1.2	0.5	27	391.34
		36#	50	1.5	0.5	24	387.07
	2*EasyPump	13#	0.5	0.8	0.8	33	353.77
		13#	1	1.2	0.5	27	471.70
		14#	2	0.6	1	38	370.37
		14#	5	1.5	0.5	24	370.37
		19#	10	1.2	0.5	27	454.55
		16#	15	1.2	0.5	27	401.93
		16#	20	1.5	0.5	24	428.72
		25#	30	1	0.5	30	457.55
		17#	50	1	0.5	30	450.05
		18#	70	1	0.5	30	488.37
		15#	30	1.2	0.5	27	416.67
		24#	50	1.2	0.5	27	457.37
		35#	70	1.2	0.5	27	456.56
		36#	100	1.5	0.5	24	387.07
	DZ25-3L	15#	16	1	0.5	30	454.98
		24#	30	1.2	0.5	27	389.61
		35#	150	4	0.5	12	442.91
		36#	200	4	0.5	12	500.00

Dimension Drawing (Unit:mm)

