

Integrated Filling System

Model No. : DF600 PlusIV



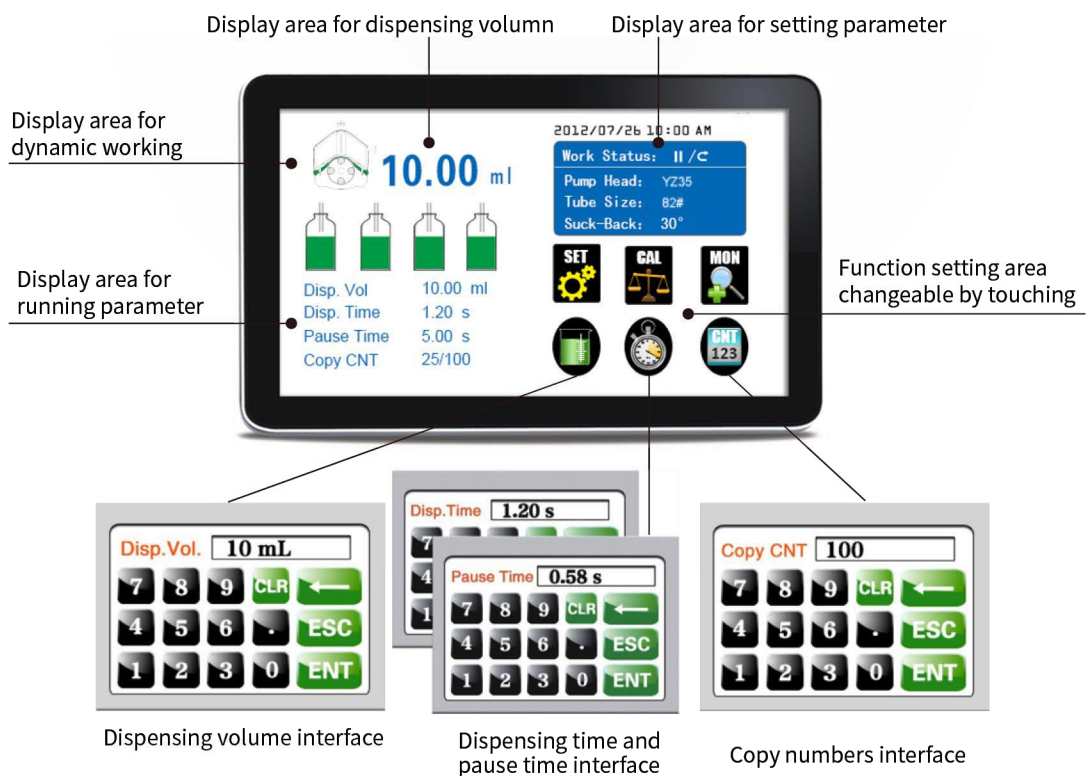
Product Features

- Integrated design, one controller can control 8 groups (total 32) filling units.
- It can support the production filling line, store 30 commonly used filling modes.
- Each filling unit can independently receive stop filling signal when bottle absent.

Typical Application

Pharmaceutical, health product filling, diagnostic reagent dispensing.
Food, beverage filling.
Cosmetic filling.

Screen Display



Technical Specifications

Product Composition and Flow Rate Range

Drive	Pump Head	Housing material	Tubing		(Motor speed 0.1-600rpm) Flow rate range mL/min
			Tubing size	ID×Wall thickness(mm)	
DF600 Plus IV	YZ35-II	Cast aluminum alloy	26#	6.4×3.3	0.69-4200
			73#	9.6×3.3	1.23-7400
			82#	12.7×3.3	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)
DF600 Plus IV	YZ35-II	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-II	26#	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

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	0-3600°	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%

 Pump Head



YZ35-II

 Dimension Drawing (Unit:mm)

