

Desktop Filling System



Model No. : KF300 Plus/4KFU3 Plus/Handypump

Product Features

Integrated design, a controller can control 1-32 units.

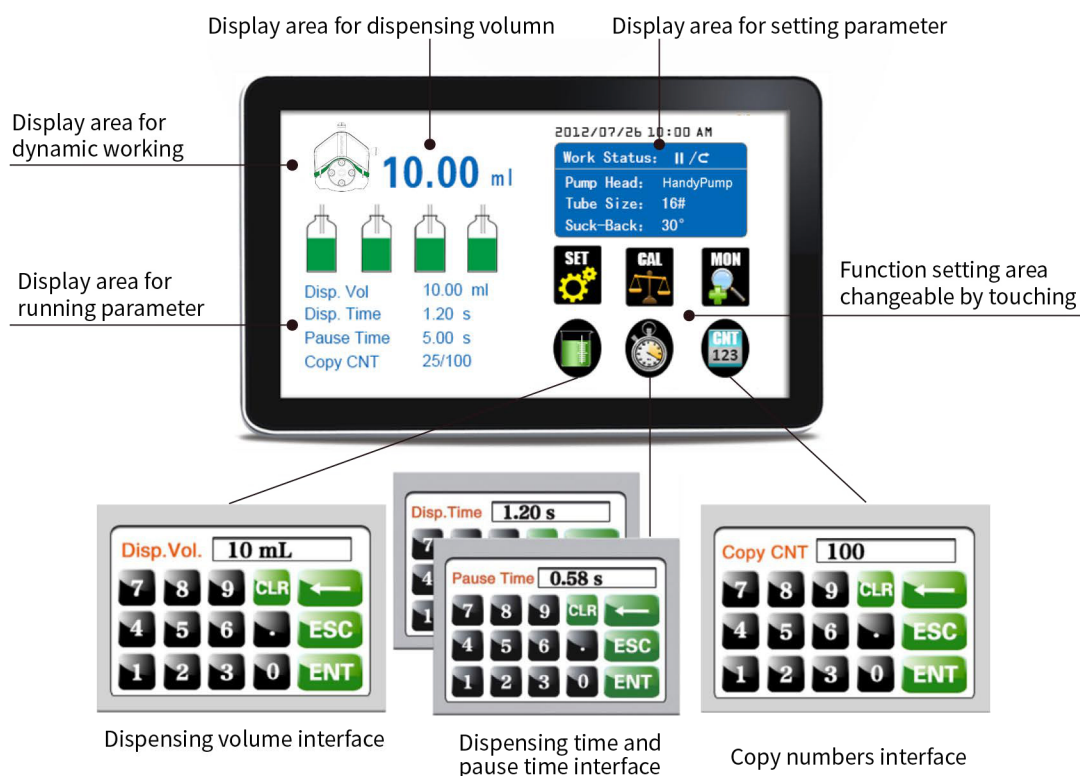
Compact structure, compact size, beautiful appearance and saving space.

Suitable for high precision micro liquids filling in laboratory.

Typical Application

Laboratory liquid distribution; Diagnostic reagent components; Medium dispensing

Screen Display



Technical Specifications

Speed range	0.1-300 rpm	Keypad lifetime	300,000 times
Filling volume	0.01-9999.99 mL	Control mode	Touch screen and Mechanical keypad
Dispensing time	0.1-9999.99 s	Start/stop,direction signal	Passive switch signal, such as :foot pedal switch; Active switch signal, 5-24V universal
Interval time	0.1-9999.99 s		
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	Communication interface	RS485 support Modbus protocol (RTU mode)
Back suction angle	0-3600°		
Filling accuracy	<±0.5%	Power supply	AC 100V-240V(50Hz/60Hz)
Filling units	1-32 units	Condition temperature	0-40°C
Display	4.3"Industrial grade –color LCD display	Relative humidity	<80%

Filling Volume Reference Parameter(Media is water)

Drive	Pump Head	Tubing	mL / r	Filling Volume (mL)	Filling Time(s)	Filling Accuracy (±%)	Output (pcs/min)	Motor Speed(rpm)
KF300 Plus/4KFU1 Plus/Handypump	HandyPump (6)	13#	0.031	0.05	0.4	3	43	241.94
		13#	0.031	0.1	0.8	2	33	258.06
		13#	0.031	0.2	1.5	1	24	353.77
		13#	0.031	0.5	3	0.5	15	322.58
		14#	0.126	1	1.5	0.8	24	317.46
		19#	0.215	2	2.5	0.5	17	223.26
		16#	0.345	3	2	0.5	20	260.87
	HandyPump (3)	13#	0.033	0.2	1.5	1	24	242.42
		14#	0.187	1.5	2	0.8	20	240.64
		19#	0.371	3	2	0.5	20	242.59
		16#	0.636	5	2	0.8	20	235.85
		25#	1.219	10	2	0.5	20	246.10