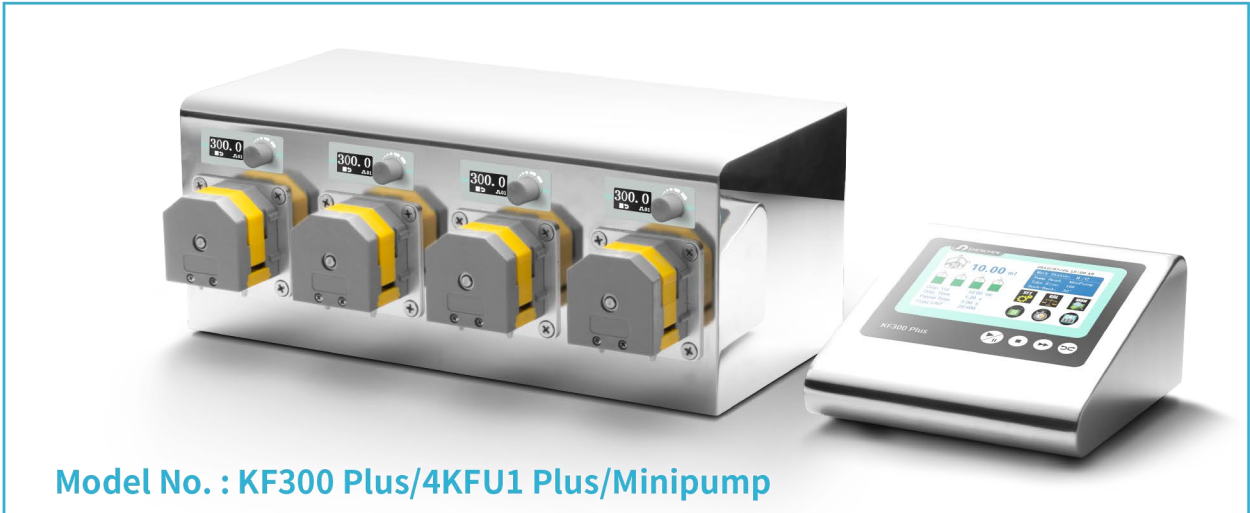




# Desktop Filling System



Model No. : KF300 Plus/4KFU1 Plus/Minipump

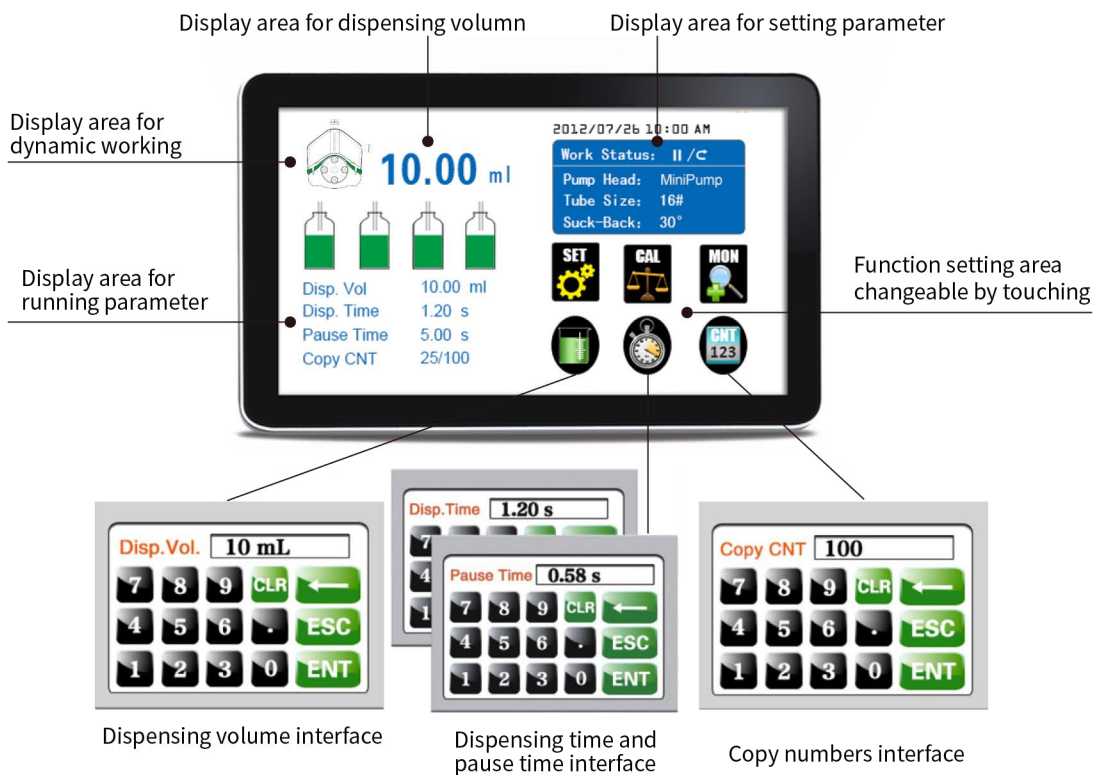
## Product Features

- 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/Minipump	MiniPump	13#	0.027	0.06	0.8	3	33	166.67
		13#	0.027	0.1	1	2	30	222.22
		13#	0.027	0.2	2	0.8	20	222.22
		14#	0.114	0.8	1.5	0.8	24	280.70
		14#	0.114	1	2	0.5	20	263.16
		19#	0.248	2	2	0.5	20	241.94
		16#	0.377	3	2	0.5	20	238.73



■ Dimension Drawing (Unit:mm)

