

Programmable Dispensing System

Model: PDSII

Flow Rate: 0.2uL/min~12L/min



■ Product Features

- 7 inch touch screen control, easy and convenient operation.
- One controller can control maximum 8 pump units.
- Each unit working with same or different parameters.
- Pump units can be separately or integrated.
- Different pump units can fit for same or different pump heads.
- Pump can be controlled with touch screen, foot switch, switch signal and communication.
- Two working modes: continuous transferring and dispensing.
- Each unit working independently, can fill same or different volume.
- Support intelligent calibration and online adjusting function ensure the flow rate and dispensing accuracy.
- Support RS232/RS485 communication; support external control start/stop; support missing bottle stop filling function.
- The pump can be integrated or split type.

■ Pump Head



EasyPump Series



AMC Series



HandyPump Series



KT15



UD15



MiniPump



MicroPump



DZ25-3L



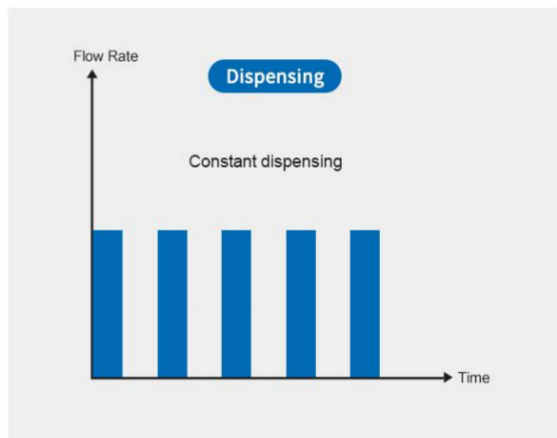
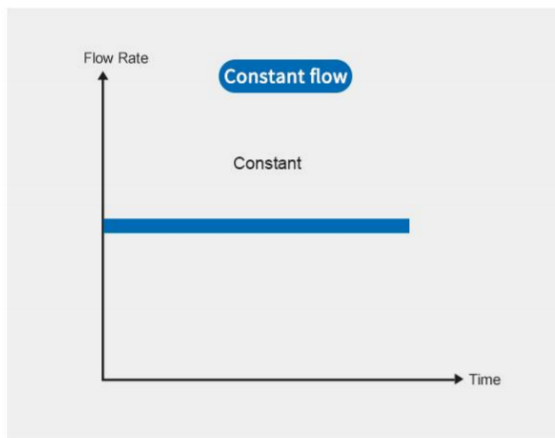
DZ25-6L



YZ35 Series

■ Function & Features

1. Two working modes: continuous transferring and dispensing.



Setting interface

Parameter setting

Unit1

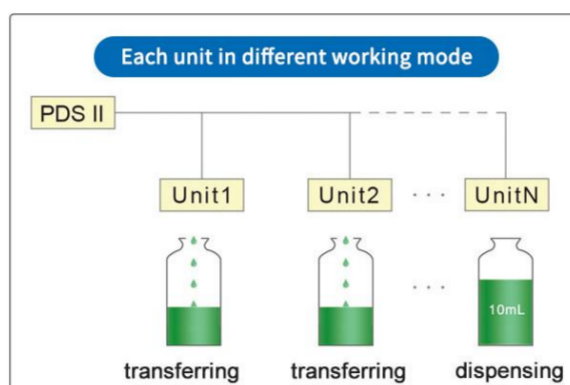
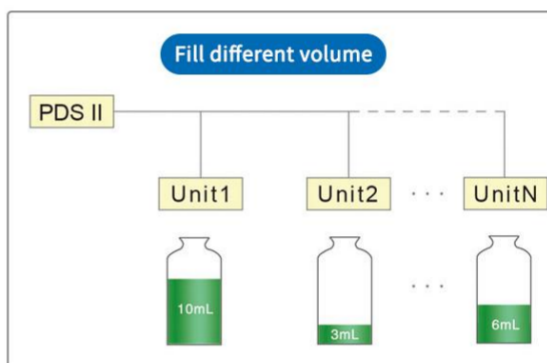
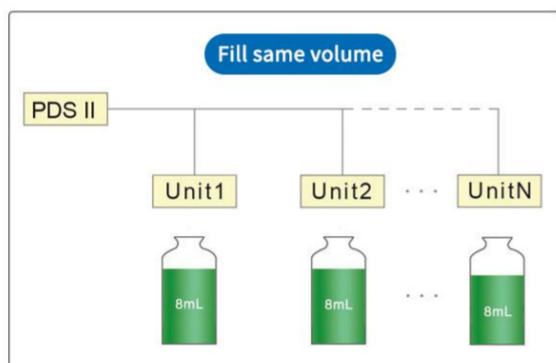
Pump head: EasyPump I ▼ Tubing size: 13# ▼ Back suction angle: 0.00 

☒ Transferring
Interval: 0.00 sec Flow rate: 7.00 mL/min Speed: 100.00 rpm

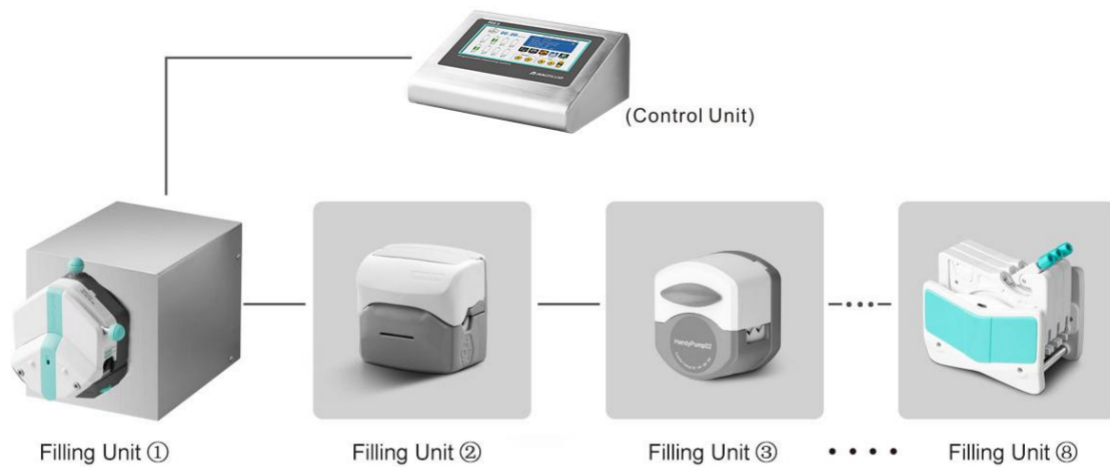
☐ Dispensing
Interval: 0.00 sec Groups: 1 Repeats: 1

Volume(mL): 0.10 Run time(s): 0.50 Stop time(s): 0.50  

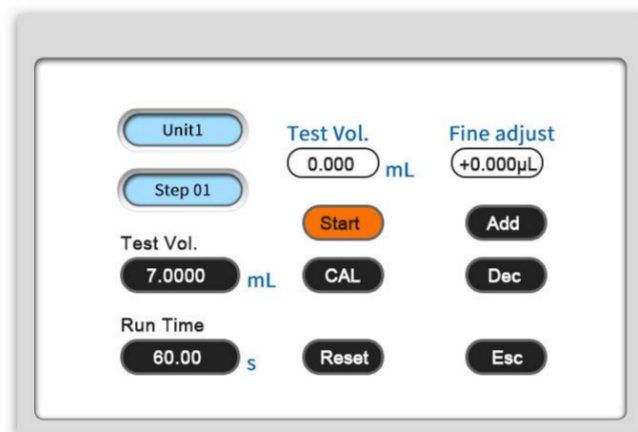
2. Each unit working independently, can fill same or different volume.



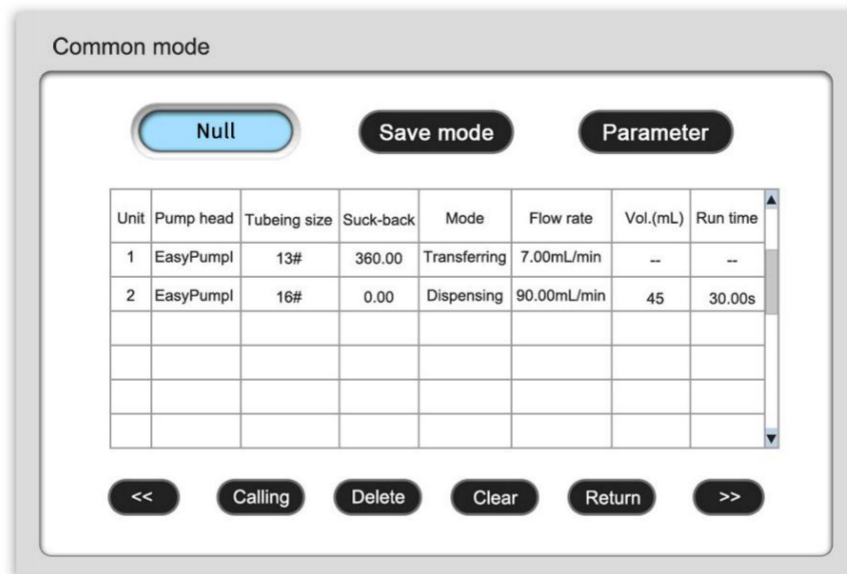
3. One controller can control different pump head (Max. 8 Pump Units).



4. Support intelligent calibration and online adjusting function, ensure the flow rate and dispensing accuracy.

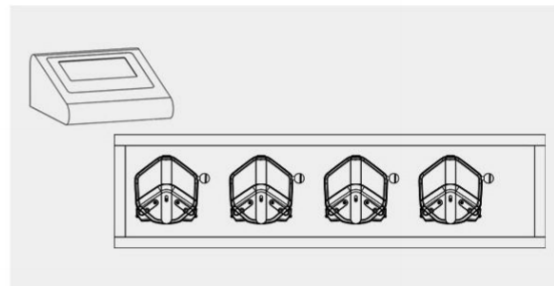
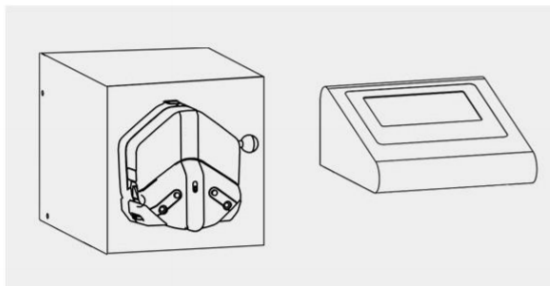


5. Store function: Can store 5 groups parameters, and easy to recall it.



6. Support RS232/RS485 communication; support external control start/stop; support missing bottle stop filling function.

7. The pump units can be integrated or split type.



■ Technical Parameter

Volume resolution	0.01mL
Time resolution	0.01s
Back suction angle	0~360°
Store	5 parameter programs can be stored and easily recalled
External control method	Passive switch signal: Foot pedal, Active switch signal: Universal 5~24V
Communication method	RS232/RS485, supports Modbus protocol(RTU mode)
Pump unit power supply	AC 220V $\pm$ 10% 50Hz/60Hz(Standard), AC 110V $\pm$ 10% 50Hz/60Hz(Optional)
Controller power supply	5VDC/2A adapter(Standard)
Temperature	0~40°C
Relative humidity	<80%
Volume resolution	0.01mL
Time resolution	0.01s
Back suction angle	0~360°
Store	5 parameter programs can be stored and easily recalled
IP rate	IP31