

Programmable Dispensing System

Model: PDSI

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. Set each pump unit working parameters step by step.

Setting interface

Relative Unit

Unit1

Pump head

AMCn(10) ▼

Steps setting 01

Interval

0.00 sec

Volume

1.00 mL

Flow rate

6.00 mL/min

Run time

10.00 sec

Tubing size

1*1 ▼

All steps

01 ▼

Time-TRIG

EXT-TRIG

CW

CCW

Back suction angle

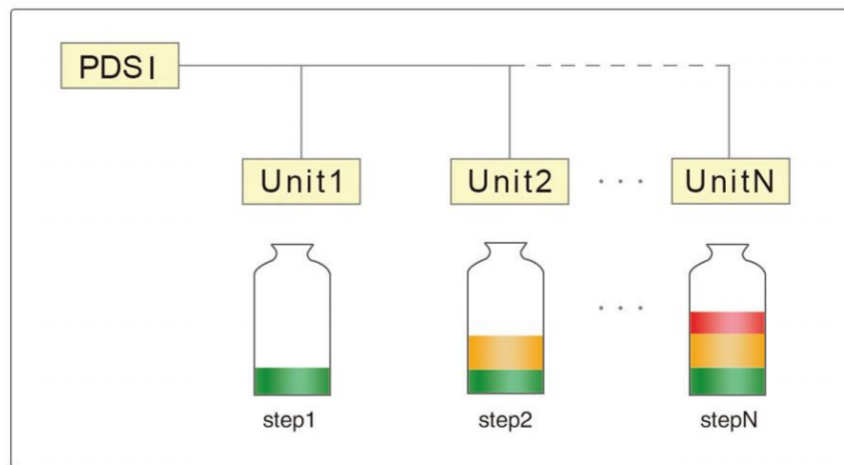
360.00

Add step

CAL

OK

2. One controller can control maximum 8 pump units and 50 steps.



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

Step

U1/S01 → U2/S02 → U3/S03 → U4/S04 → U5/S05 → U6/S06

Interval: 0.00 sec Repeats: 0001 Save mode Clear Back

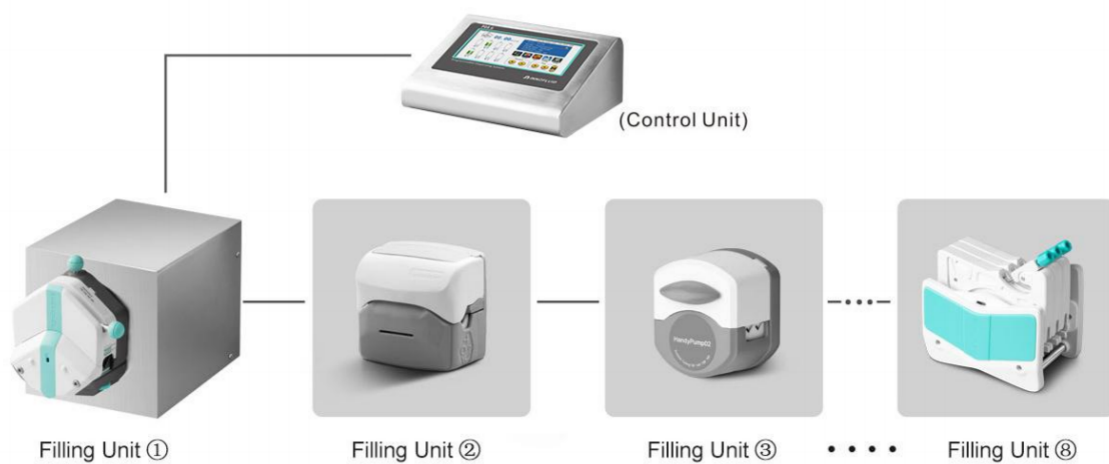
Store

Model 01

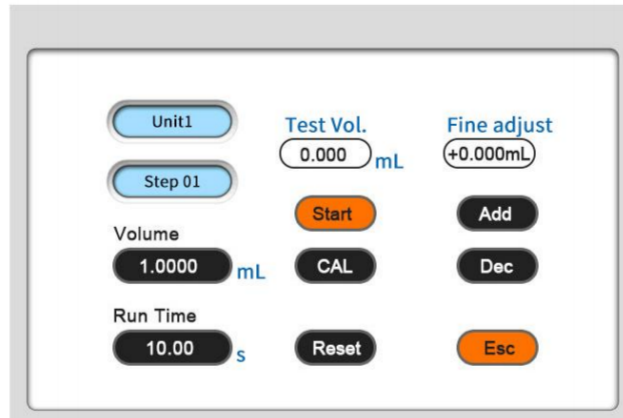
Steps	Interval	Unit	TRIG-Mode	Speed(rpm)	Direction
Step 01	0.00 s	Unit1	Time-TRIG	119.20	CCW
Step 02	0.00 s	Unit2	Time-TRIG	226.41	CCW
Step 03	0.00s	Unit3	Time-TRIG	1.88	CCW
Step 04	0.00s	Unit4	Time-TRIG	107.18	CCW

<< Calling Delete Clear Return >>

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

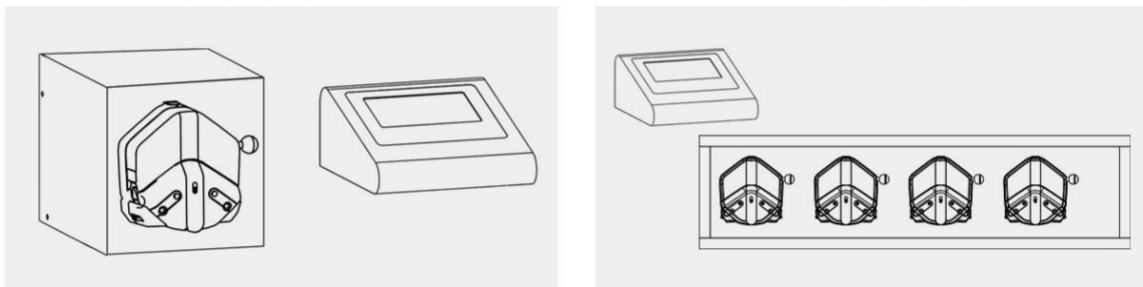


5. Support intelligent calibration and online adjusting function, ensure the flow rate accuracy.



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%
IP rate	IP31