

MicroPump

Beautiful appearance,
compact size, rich color, OEM ideal choice



NEW

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PRODUCTS



Compact Peristaltic Pump
Model: LabQ



Compact Peristaltic Pump
Model: LabK/LabS

M57P
(Suitable for 57 stepper motor)



M42P
(Suitable for 42 stepper motor)



M42/RP
(Suitable for 42 stepper motor)



M42/USB
(Suitable for 42 stepper motor)

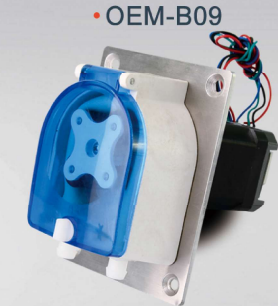


M42/0-5V,0-10V,4-20mA
(Suitable for 42 stepper motor)



<Integrated driver module>

<OEM series>



LabQ

NEW
PRODUCT

2.4" LCD color display

Big screen

Low power
consumption

Mute
working



<OEM series>
Handypump



Easy Load Pump Head

<OEM series>
Deftpump



Clamshell Pump Head



OCM Application

01



01 Medical industry

Automatic liquid mixing system, intelligent proportional mixing of different liquids, the system can intelligently detect the liquid level of the barrel. Through the analysis of the liquid state of each barrel, control the start and stop of the peristaltic pump, open and close OF solenoid valve, so as to realize the automation of the work flow.

05



02



03



04



02 Printing and dyeing industry

Pigment accurate allocation, use several different pump heads to allocate different colors of pigment.

03 Pharmaceutical industry

Filling one bottle with several times during filling process to prevent foaming.

04 Customized system

With integrated design, a controller can control multiple peristaltic pump unit, which is convenient to realize unified operation.

05 WIFI control

WIFI connection, Android platform control software, make the peristaltic pump can be reomote controlled by any intelligent terminal.

OCM Application



06 Bio-pharmaceutical

Work with reactor or fermentation tank, the OCM system add different liquids with proportion and order into reactor. Together accomplish adding liquid, mixing, reaction, dispensing, waste discharge and washing function.



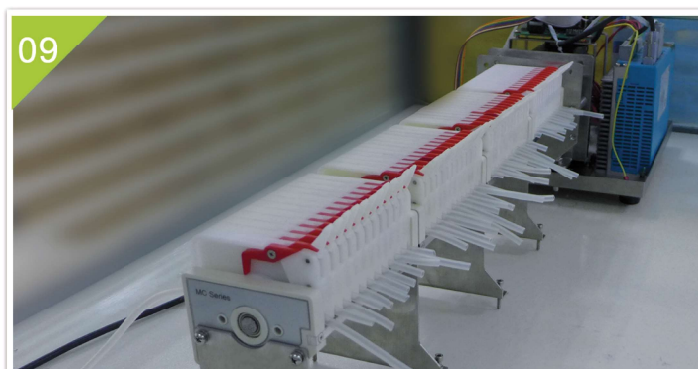
07 Research laboratory

Customized OCM system, one controller with different pump heads and one pneumatic pump, with foot pedal switch control the pump start/stop.



08 Food Industry

Suitable for high temperature and high humidity working environment. High filling accuracy, the errors between each channels is $\pm 3\%$, non-pollution filling. Friendly operation interface, easy operation. Reversible, priming function.



09 Textile industry

48 channels MC series pump head with servo motor, special for micro flow rate and multichannel transferring.

Nucleic detection reagent dispensing system



BioD-I



INTRODUCTION

This product is an intelligent platform for automatic separation of nucleic acid detection reagents. It has achieved high precision automatic batch production of reagents.

FEATURES

8 different reagents are packed in **unequal or equal amounts**.

1

Up to **0.5%** packing accuracy.

2

7 inch industrial true color LCD touch screen operation, man-machine interface is friendly, can store more than a group of commonly used work mode, simple and convenient.

3

The utility model has **two-way quick liquid filling function**, can be used for bidirectional operation and is convenient for cleaning the hose, and can quickly fill the reagent in the preparation stage or the packing line before and after the packing.

4

Mechanical arm operation program can be edited to apply different size, different shape of reagent box, accurate positioning, production efficiency.

5

APPLICATION

This product is used for gene testing reagent packing, microporous plate packing, reagent box packing, micro reagent packing, biological reagent packing and so on.



Gene testing reagent packing



Microporous plate packing



Reagent box packing



Micro reagent packing



Biological reagent packing

Programmable Filling System



PDS

Features

One controller can control maximum 8 pump units, each pump with same or different pump heads.

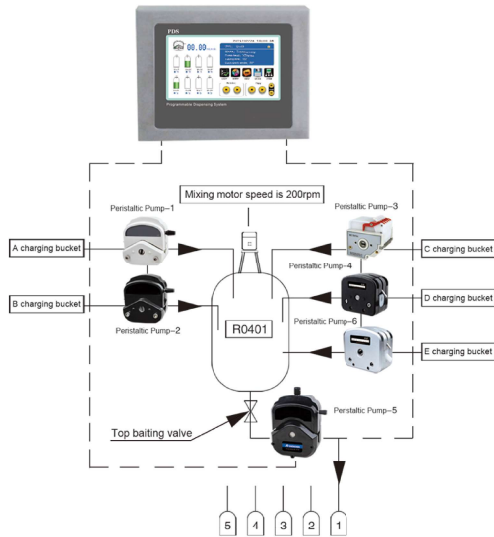
Four working modes:

- Independent working mode,
- independent and steps filling working mode,
- logic working mode,
- comprehensive working mode.

Model Number

PDSI, PDSII, PDSIII, PDSIV

Application 1

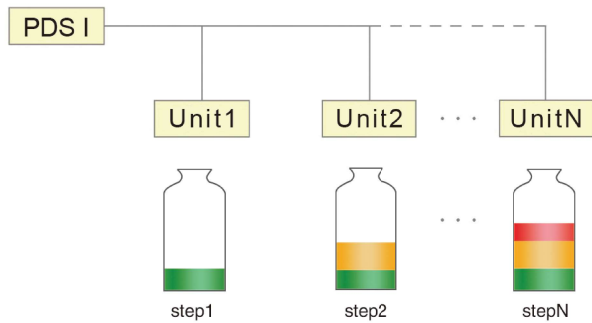


Application 1 Chemical industry: Reactor liquid adding, dispensing and washing, with different volume and adding liquid according to preset order.

Application 2

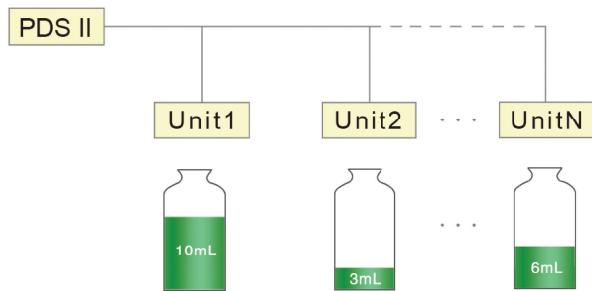


Application 2: PDSIV, one controller with 7 pump units, 4 minipump and 3 YZ1515x pump heads, for different liquid filling with different time sequence.



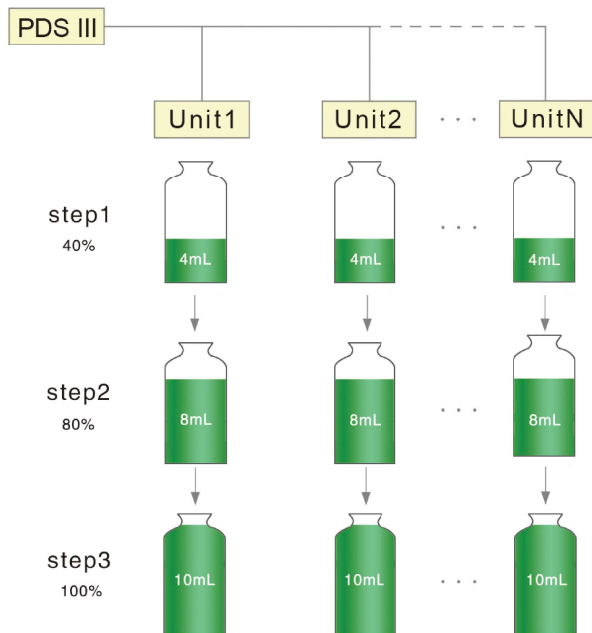
Logic working mode

In logic working mode, each unit working cooperatively. Filling or transferring with orders, also with different proportion adding, finish automation mixing work.



Independent working mode

In independent working mode, each unit working independently, can fill different volume.



Independent and steps filling working mode

In independent working mode, each unit can finish filling process with multiple different filling volume. This function suitable for prevent fluid splashing and foaming. This process can also repeat many times, achieving complicated dispensing function.

PDS IV
comprehensive working mode

The comprehensive working mode include all the above functions.