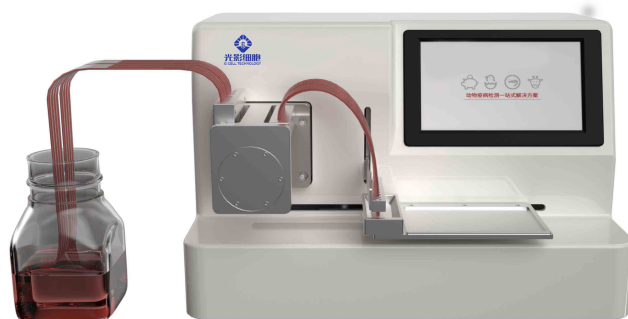


Pipetting Workstation

- Pipetting Workstation (TNLH-03C) adopts self-developed high-precision peristaltic pump to provide high-precision, continuous and rapid liquid separation operation. With automatic cleaning, liquid filling, back suction, can be set to select and other advanced functions. It is suitable for 96-deep hole plate, PCR plate, enzyme label plate and so on. The minimum volume of liquid is 10 μ L, the accuracy of liquid separation is $\leq \pm 6\%$ (25 μ L as a reference), and the separation of 96 holes and 25 μ L can be completed within 8 seconds. Suitable for large sample size scenarios, such as: disease control, blood screening, animal husbandry and other fields, to provide experimental efficiency, liquid separator makes liquid separation easier.



Product Features

01

Easy to operate

Desktop operation, occupy a small space, machine instead of manual, one-health operation, high degree of automation

02

Good compatibility

Suitable for a variety of different well plates: PCR plate, ELISA plate, deep well plate, enzyme labeled plate, etc., and can customize different kinds of suitable scaffolds

03

High precision assignment

High precision peristaltic pump for micro liquid liquid separation, high precision, speed fast degree.

04

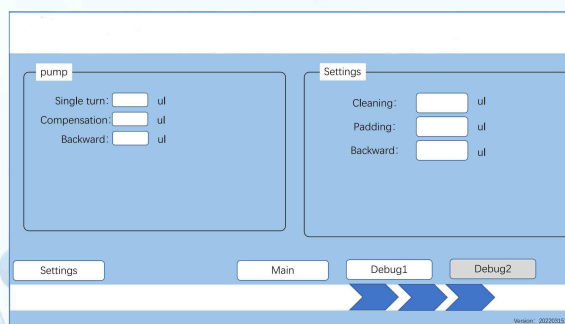
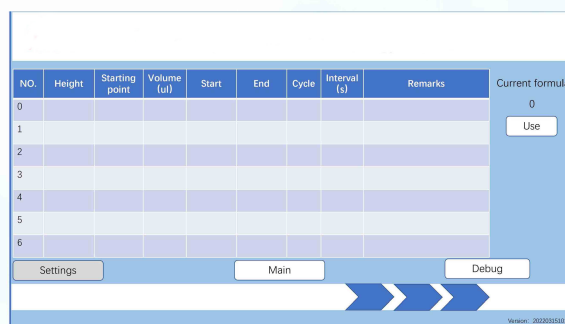
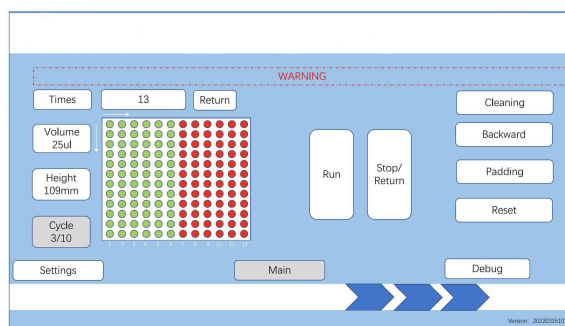
Parting tips

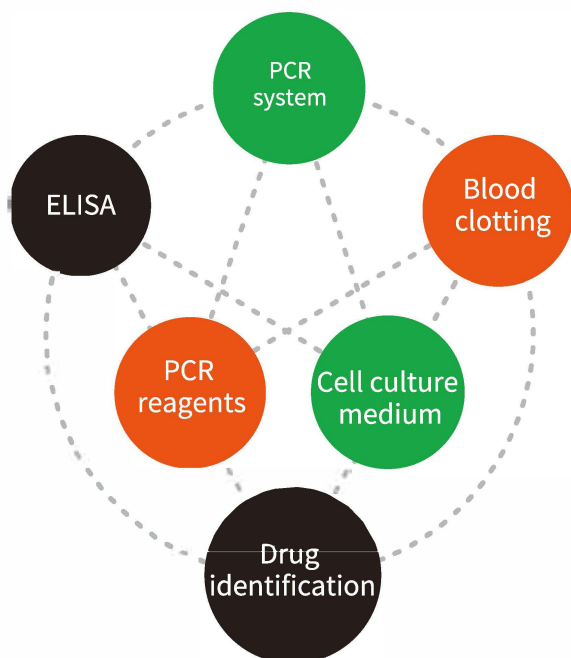
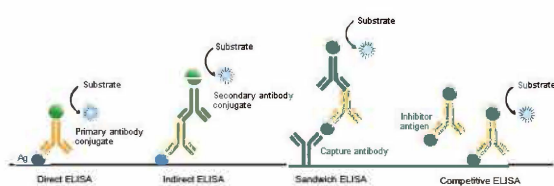
The software interface displays the loading situation in real time, and different loading states can be distinguished by color

05

Anti-pollution pipeline design

8 channel silicone hose, can be directly replaced, disassembled and cleaned, built-in intelligent one-button cleaning program, effectively prevent cross infection between samples





Conventional liquid handling

01

Liquid distribution and transfer, such as: routine pipetting, double dilution, reagent addition of various laboratories

Disease detection

02

ELISA immunodetection, blood group detection, blood screening, microbial detection, PCR diagnostic test, animal disease detection

Life science experiments

03

IVD reagent packaging, drug development, cell therapy, immunoassay, forensic science, gene research experiments, drug development, genomics, proteomics and other basic research experiments

Technical parameters

Product model number	TNLH-03C
Principle of liquid separation	Self-developed eight-channel peristaltic pump to achieve high-precision liquid dispensing
Range of packing	10-100ul
Liquid separating channel	8 channels (configurable to upgrade 12 channels)
Position of plate	1
Precision of liquid separation	$\leq \pm 6\%$ (25ul or more)
Speed of separation	96 plate hole 8 seconds to complete
calibration	The weighing and volume methods are supported
Auxiliary function	One-button cleaning, one-button back washing, one-button filling, one-button reset
Liquid waste processing	Self-discharging and removable pre-washing tank design to prevent liquid from filling and over flowing.
Program setup	Whole plate or select specified sequential column add sample.
Control software	The liquid volume, liquid speed and suction speed can be set flexibly
Alarm function	When the device starts, the mobile manipulator alarms at non-zero position.
weight	10kg
Dimensions	406*293*258mm
Power supply	AC 220V, 90W