



PRODUCT CATALOGUE

NAYO · Make it easier for more individuals and organizations.

Introduction

NAYO Biotechnology focuses on life science automation, and is committed to providing customers with self-developed life science automation equipment and personalized solutions. By organically combining R&D with customer needs, we achieve iteration and innovation of products and solutions, continuously solving pain points for customers, and helping to continuously improve research in the field of life sciences in terms of quality, efficiency, safety, and other dimensions. We are committed to continuously promoting the accessibility of life science automation equipment.

CULTURE

Equality
Learning

MISSION

Make it easier for more
individuals and
organizations

VALUES

Integrity
Altruism
Introspection





Automated Liquid Handling Platform

A8 mini Fully Automated Liquid Handling Workstation

Flexible liquid pipetting

- PCR set up
- Purification
- Pooling
- Nucleic acid extraction
- Concentration normalization
- Other pipetting modes



Multi-function

- 2-channel flexible pipetting module
- 8-channel fixed pipetting module
- Plate transportation module



High process security

- Both pLLD and cLLD monitoring during pipetting process
- Plate present monitoring during plate transportation



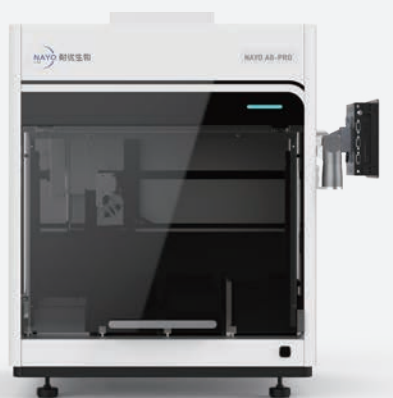
Fully automated

- Multiple module integration



Compact

- Conserves precious bench space and fits easily into biosafety cabinet



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A8 Pro Fully Automated Liquid Handling Workstation

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Fully automated

- Multiple module integration



Configurable chassis

- Worktable is easily configurable to meet the requirements of workflow



Automated Liquid Handling Platform N96 96-Channel Fully Automated Liquid Handling Workstation

Compact , high throughput

- PCR set up
- Nucleic acid extraction , purification
- Cell culture, HTS
- Other high throughput pipetting



Precision

- High precision 96-channel pipetting module



Speed

- Complete 96-well plate suction/dispensing per run, more than 12 times faster than manual 8-channel pipettes.



Flexibility

- 4/6 plates available
- Smaller footprint



Automated Liquid Handling Platform N96S 96-Channel Fully Automated Liquid Handling Workstation

Newly upgraded , smaller, more versatile

- PCR set up
- Nucleic acid extraction , purification
- ELISA, HA&HI test
- Cell culture, HTS
- Other high throughput pipetting



Precise Liquid Handling

Upgraded servo motors ensure precise control of liquid dispensing.



Leakage Prevention

The new sealing design eliminates the occurrence of any liquid leakage.



Versatile Functionality

Plate transfer, magnetic separation, and temperature controlled shaking functions are available.



Space Optimization

Fixed tray structure of the pipetting head, to reduces horizontal space by 50%.



Quick-Change Support

Pipetting module supports fast assembly and disassembly.



Automated Liquid Handling Platform

ES96 Fully Automated Sample Processing System

Accurate Identification of Blood Components

- Biobank body fluid sample packaging
- IVD swab, blood sample processing
- Sample packaging of medical examination institutions
- Blood sample processing of blood bank



Intelligence

- Fully automatic component identify and dispensing.



Precision

- Precise differentiation of blood components based on deep learning image recognition technology.



Flexibility

- Enhanced accuracy (> 99%) through personalized parameter settings.



Automated Liquid Handling Platform

EN108 Fully Automated Library Preparation System

Enjoy with just one click

- Shaker
- ODT
- Temperature control module
- Magnetic Separation Module



Highly Automated

Truly walk-away
Built-in code scanning and data recording system to record and track data information.



High safety Factor

Liquid drip-proof pipetting module, built-in high-efficiency filtration system and sterile ultraviolet lamp.



High Efficiency

It operates uninterrupted for 24 hours and processes up to 32 samples per run.



High Accuracy

Automated standard operating procedures eliminate manual errors and improve the stability and repeatability of results.



High Flexibility

Adaptable library preparation kits for multiple brands and multiple sequencing types.



Integrated functional instruments

Fully Automated Plate Supply System

High-capacity , automated retrieval and storage

- Automatic access to microplates without additional intervention by a robotic arm.
- Flexible plate design compatible with microplates of different heights.
- Four access positions to choose from.
- Power-off self-locking to prevent the drop of microplates.
- Built-in automatic sensing illumination.
- Manual/automatic mode available.



Integrated functional instruments

Screw Cap Storage Tube Capper/Decapper

Efficient , easy to integrated

- Compatible with a variety of SBS standard sample storage tubes
- Customization available
- Capping/decapping in 30 seconds
- Precise torque control
- Easy to integrated



NAYO – Module



96-Channel Magnetic Separation Module

- Library construction
- Nucleic acid extraction or purification
- Antibody or protein purification
- Other magnetic separation scenarios

Fast separation

Convenient operation

Complete solid-liquid separation

Strong compatibility



NAYO – Module



Shaking Module

- Molecular Biology
- Cell Biology
- Drug Discovery
- Chemical Synthesis

High level of automation

High safety

Strong compatibility

Wide range of applications



NAYO – Module



Temperature Control Module

- Reagent storage
- Various extraction reactions
- Library preparation
- Enzymatic reaction

Accurate temperature control

Fast temperature varying

Strong compatibility

Compact design



NAYO – Module



Temperature-controlled Shaking Module

- Molecular Biology
- Cell Biology
- Drug Discovery
- Chemical Synthesis

Accurate temperature control

Fast temperature varying

High level of automation

Strong compatibility



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