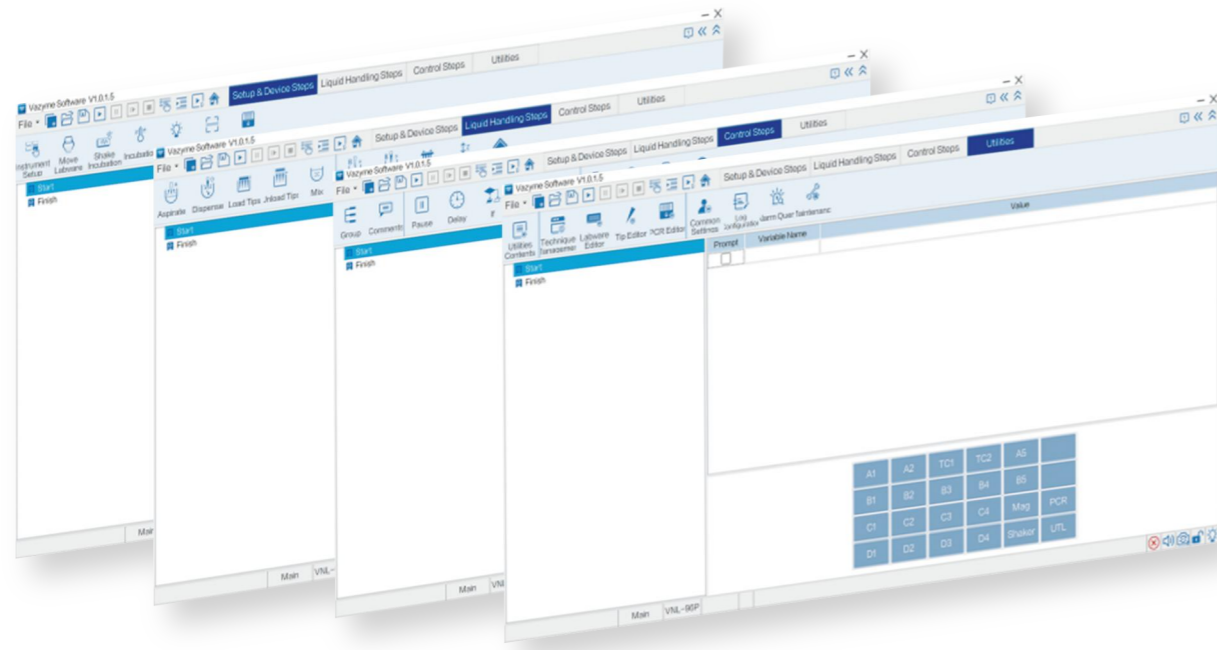


English UI Screenshots

MrLH-96 Dx

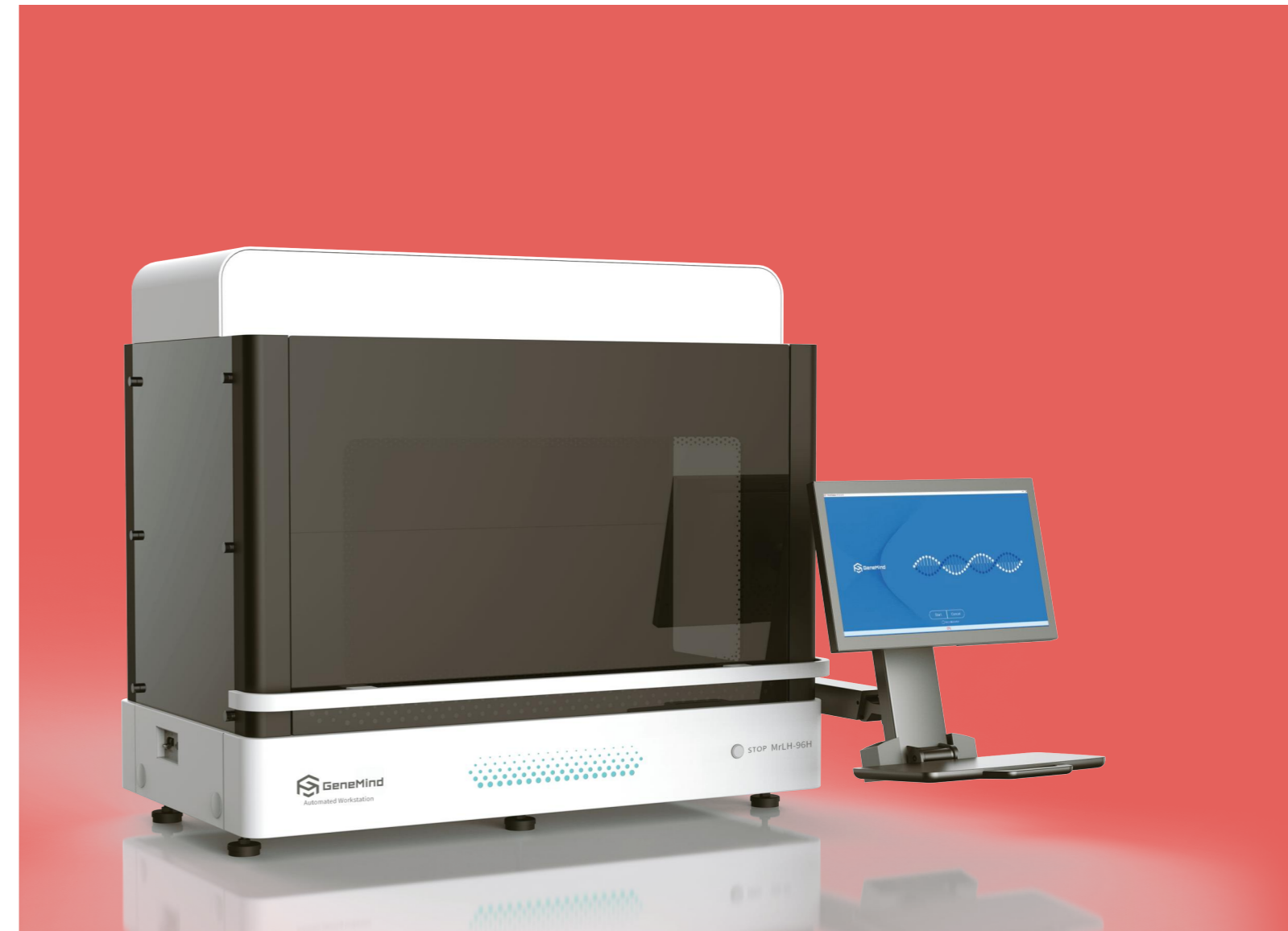


MrLH-96 Dx Data Sheet

MrLH-96 Dx

| | Parameters |
|-------------------------|---------------------|
| Dimension | 1224mm*753mm*1111mm |
| Loading Capacity | 22 Plates |
| Principle | Air replacement |
| Precision | 2µl: <5% |
| | 5µl: <2% |
| | 50µl: <1% |
| | 150µl: <1% |

| | Parameters |
|-----------------|--------------|
| Weight | 274 kg |
| Flux | 96 |
| Range | 2-200 ul |
| Accuracy | 2µl: <±10% |
| | 5µl: <±2.5% |
| | 50µl: <±1.5% |
| | 150µl: <±1% |



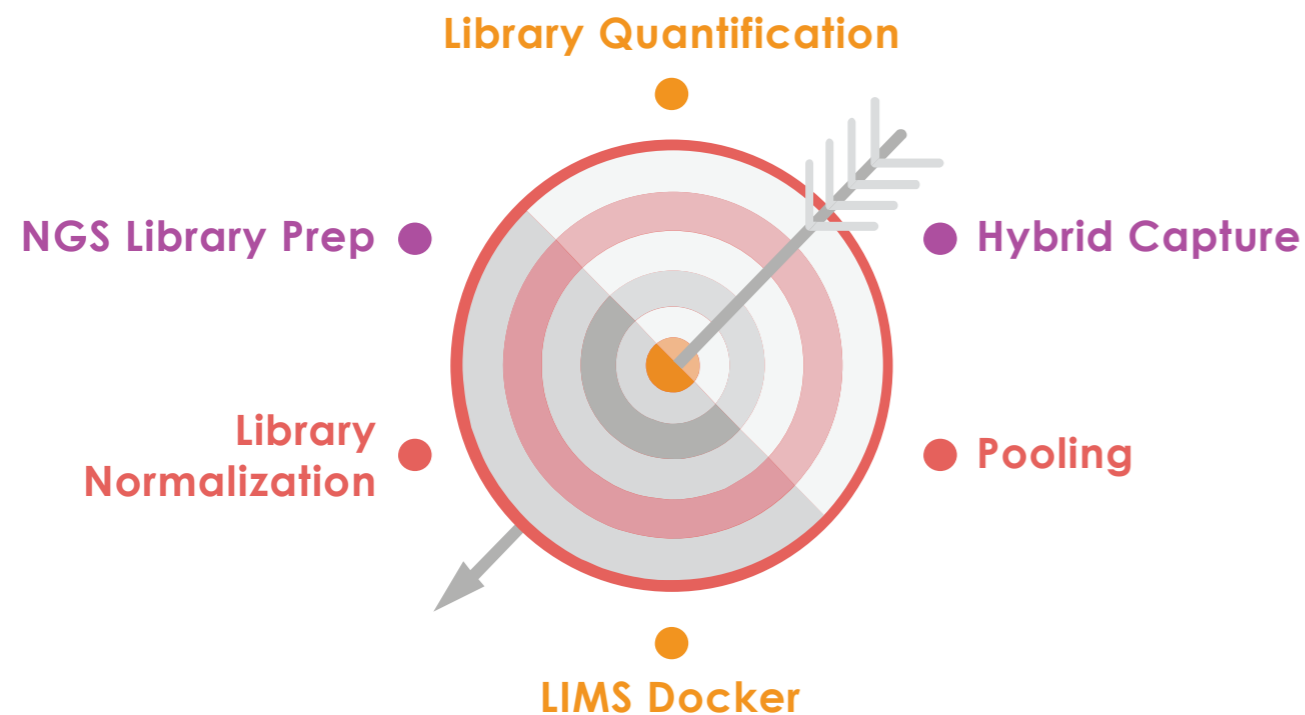
High-throughput

MrLH-96 Dx

Automated Sample Preparation System

MrLH-96 Dx Applications

MrLH-96 Dx



MrLH-96 Dx Features

MrLH-96 Dx



Highly Automated, Less Manpower Needed

24 plates position with plates stack function. No need to add reagents and consumables during the DNA seq process, achieve fully automated.



Easy to Connect with LIMS

Automatically code scanning, pre-set the data in software database to read directly in LIMS.



High Quality Compatible Reagents

More compatible with GeneMind reagents



Compatible with Inheco Temperature Control Module

Precise temperature control with an Inheco PCR instrument and a temperature-controlled oscillation Module.

MrLH-96 Dx Features Introduction

MrLH-96 Dx

96 Throughput Pipette + Electric grippers

High-precision 96-channel pipettes (gas displacement mode), which can be operated in a single row, single column, and single tip to ensure pipetting stability and repeatability; Highly compatible grippers can accurately move all consumables including tip boxes, deep well plates, and PCR plates, freely move consumables from the PCR plate position

UV Sterilization System

Equipped with 2 UV lights, the radiation dose is higher than 100,000 $\mu\text{W}\cdot\text{s}/\text{cm}^2$

Independent Temperature Control Module

Two independent temperature control parts of 4~95°C and three adapters of different plates are equipped as standard to solve the problem of long-term storage of reagents

Automatic Code Scanning System

Equipped with an automatic barcode scanner and database inputting system ensure the LIMS docking data interaction easy and simple

Air Purification System

With Integrated Air Purification System, filtration efficiency up to 99.995% @ 0.3 μm

Cameras

Equipped with 2 high-definition cameras, which can automatically record 30 s video before and after the error, and accurately locate the cause of the error

Cantilever Touchscreen PC

Equipped with a cantilever touch screen PC, which can be adjusted to any location by your choice

Consumables Stacking System

The specially designed consumable stacking system can stack 3 PCR plates, which can guarantee full automation with no manpower on site

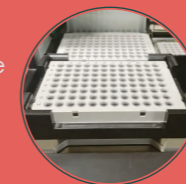


Desktop PCR Instrument

Achieve full automation under no manpower on site with the Inheco PCR instrument.

Inheco Temp-Control Oscillation Accessories

The Inheco temperature-controlled oscillation accessories imported from Germany not only ensure the stability of the oscillation but also have the accuracy of temperature control within the range of 4~70°C, which perfectly matches the NGS hybridization capture process



Emergency Stop Function

The one-button stop emergency suspension function greatly improves the factor of safety in emergency situations

