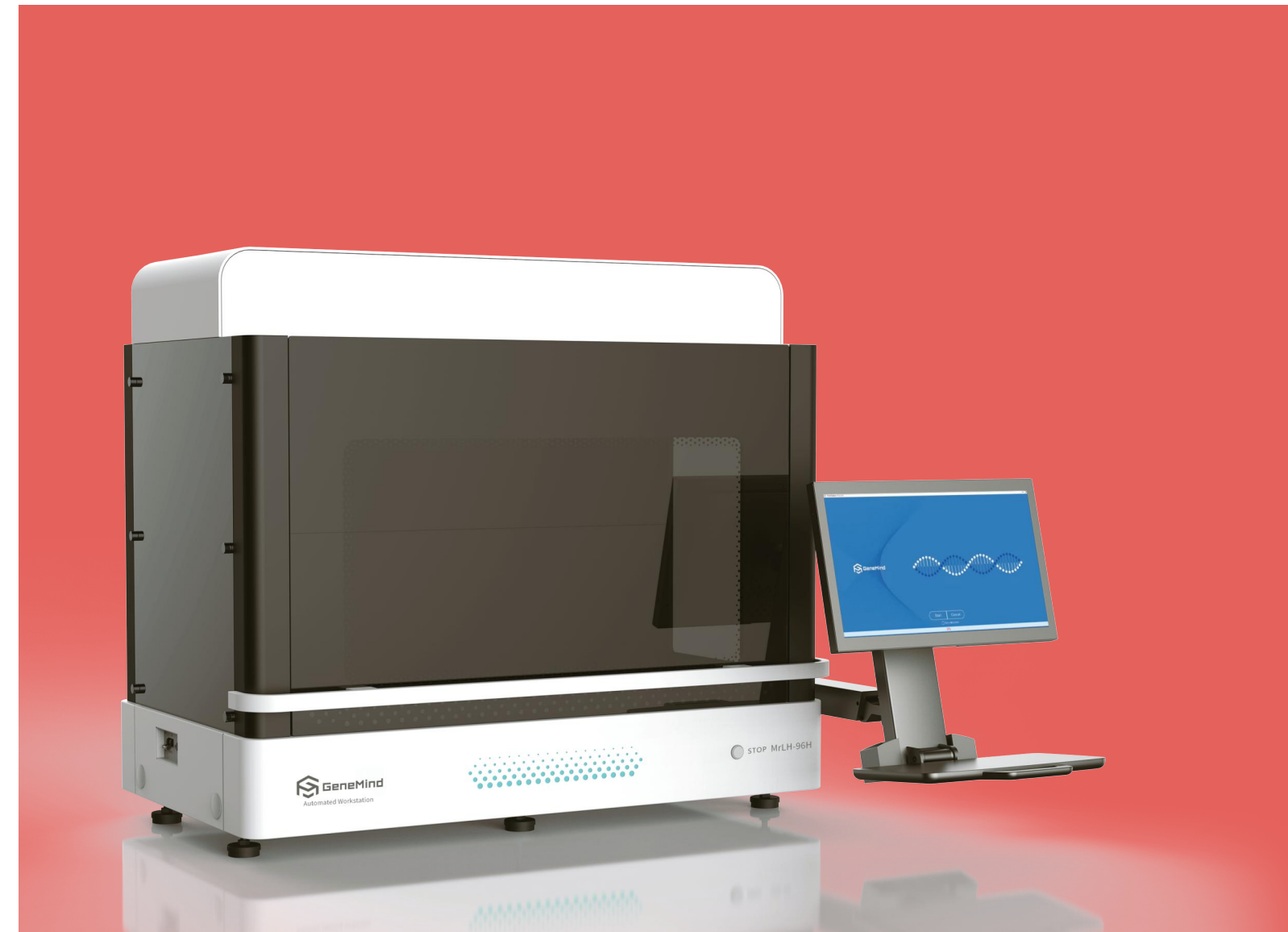


## MrLH-96 Dx Data Sheet

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

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



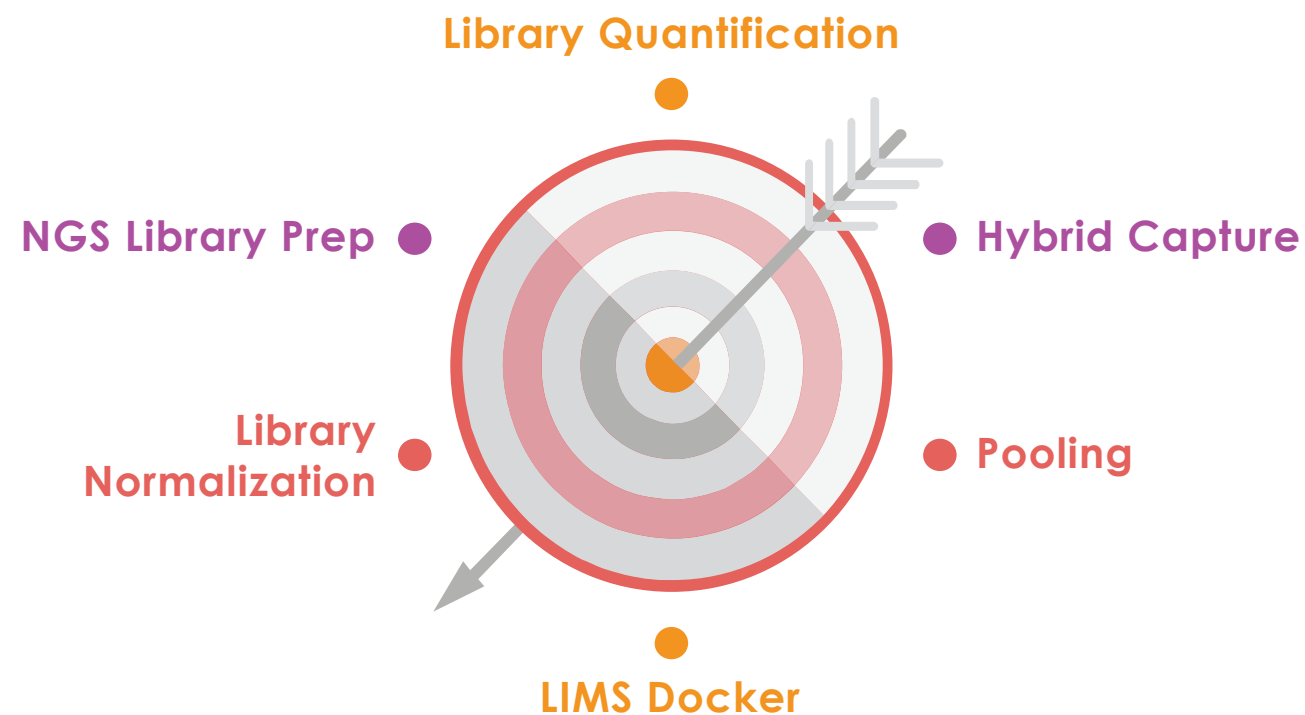
High-throughput

# 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  $\mu\text{m}$

## 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

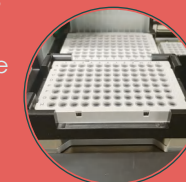


## Desktop PCR Instrument

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

