



**LRH(MJ)**  
**Constant Temperature and**  
**Humidity incubator**



**Application :**

This standing equipment is designed for scientific research and educational institutions, including fields such as environmental protection, sanitation and epidemic prevention, drug inspection, agriculture and livestock, and aquatic products. It is also widely used in bioengineering, water analysis, and industrial product performance testing, making it a versatile tool across various applications.

## Structure features:

Defrosting, and multi-layer safety protection, ensuring reliable long-term operation. It uses internationally renowned compressors with delay protection for smooth performance and incorporates environmentally friendly fluorine-free refrigerants for improved energy efficiency.

A well-designed air circulation system ensures uniform temperature distribution. The inner liner is made of SUS304 mirror stainless steel for enhanced corrosion resistance, with adjustable shelf spacing. The upgraded LCD screen and intelligent PID control maintain accurate temperature and humidity, supported by an RS485 interface for connectivity.

The built-in intelligent humidification system allows for automatic water replenishment, facilitating faster reactions and stable humidity levels. The "H" model can reach temperatures up to 90°C for effective sterilization, reducing cross-contamination risks, and comes with a two-year warranty.

Additional features include a double door design, an internal light device (for humidity chamber), and a UV lamp function for sterility (MJ series).

Model	Temp range (°C)	Accuracy (°C)	Volatility%	Humidity Range	Humidity fluctuation %	Timing range	Voltage (V)	Power (KW)	Interior size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Packing size (mm) (H*W*D)	Net weight (KG)	Shipping weight (KG)
LRH- (MJ) 50S (H)	0~65 H~90	±0.1	±0.5	40% ~ 95%	±2	0~999 M/H	220	0.5	450×350×320/50L	970×490×580	1070×570×640	60	65
LRH- (MJ) 100S(H)								0.6	580×450×380/100L	1100×590×620	1220×670×700	83	90
LRH- (MJ) 150S(H)								0.8	800×500×380/150L	1350×640×660	1470×720×740	95	110
LRH- (MJ) 250S(H)								1	1000×550×450/250L	1550×690×660	1670×770×740	120	135
LRH- (MJ) 350S (H)								1.6	1000×580×600/350L	1550×720×890	1670×800×980	140	155
LRH- (MJ) 800S (H)			±1		±3			3.3	1200×1050×650/800L	1845×1195×985	1970×1280×1070	200	220

“H” is temperature range from 0 to 90°C, and “MJ” is the mold incubator

1. “H” series will be delivered in 8 days after order.

2. The maximum load of each shelf is 20 KG.

Warning: Before choose LRH-800, be sure to measurement the door and lift size to avoid the size of the chamber too large to enter.



## Optional accessories:

1. Portable printer
2. Programmable software
3. Programmable segment controller

Structural  
features

## LRH series

Humidity Chamber / Mold incubator



Blast

Upgraded LCD display



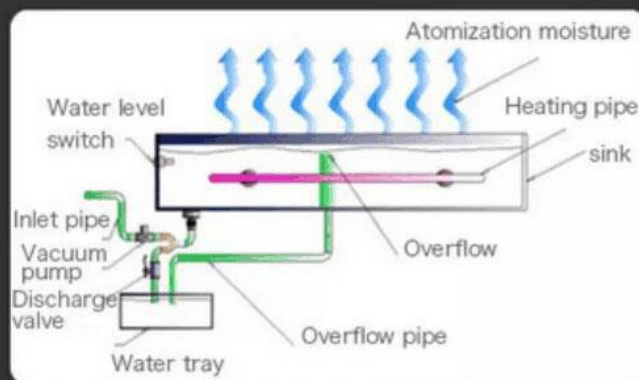
Stainless steel liner  
with adjustable  
spacer spacing



silicone  
sealing ring



Tempered  
glass door



### Built-in large capacity humidification system

The built-in large-capacity humidification system automatically fills the water to ensure stable fluctuations.



### Tempered glass door

Built-in toughened glass door, clear observation of window items



### Upgraded LCD display

Programmable microcomputer technology with timing over-temperature alarm



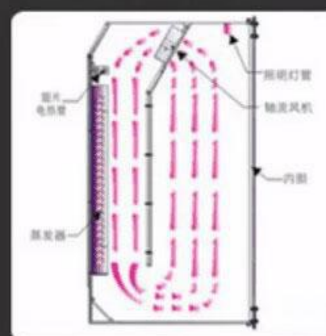
### Fluorine-free balanced refrigeration system

Fluorine-free refrigeration, energy-efficient, with inlet and outlet



### Lighting device

Hood lighting device for easy observation











### Air circulation system

Air circulation system ensures temperature and humidity stability in the working room.



## Comparison of biochemical-humidity-light-climate chamber

Comparison of functional biological incubator(temp.-humidity-light-climate chamber)	SH-MJ (Pro) temp.	WS-MJ (Pro) temp.-humid	LC (Pro) temp -light	RG (Pro) climate	SPX-MJ (Basic) temp.	LRH-MJ (Basic) temp.-Humid	GZP (Basic) temp -light	PQH (Basic) climate
								
<b>Controller</b>								
programmable control system	•	•	•	•				
PID LCD	• (touch screen)	• (touch screen)	• touch screen	• touch screen	•	•	•	•
<b>Chamber material</b>								
SUS304 St.steel	•	•	•	•		•	•	•
201 St.steel					•			
<b>Motor fan</b>								
High temperature resistant bearing	•	•	•	•				
<b>Heat element</b>								
St.steel	•	•	•	•	•	•	•	•
<b>RS232 port</b>	•	•	•	•				
<b>Network control</b>	•	•	•	•				
<b>ALLCOLD balanced refrigeration</b>	•	•	•	•	•	•	•	•
<b>ALLFLOW circulation</b>	•	•	•	•	•	•	•	•
<b>ALLSENS temp.control</b>	•	•	•	•				
<b>ALLIGENT humidification</b>		•		•		•		•
<b>Pro-Bright light system</b>			•	•			•	•
<b>Save energy insulation</b>	•	•	•	•				
<b>UV function</b>	“MJ”•	“MJ”•			“MJ”•	“MJ”•		
<b>Refrigeration</b>	•	•	•	•				

capacity control								
Brand accessories								
Brand compressor	●	●	●	●	●	●	●	●
Eco-protection refrigerant	●	●	●	●	●	●	●	●
ST bi type thyristor	●	●	●	●				
Philip chip	●	●	●	●				
Taiwan opitcal coupler	●	●	●	●				
SENSIRION sensor		●		●				
Auto defrost	●	●	●	●	●	●	●	●
Cut-off memory	●	●	●	●	●	●	●	●
Door seal material	Silicone+magnetic				magne tic	Silicone+magnetic		
insulation	polyurethane				polyurethane			
Temp.accuracy℃	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1
Temp.fluctuation	±0.5%	±0.5%	±1%	±1%	±0.5%	±0.5%	±1-1.5 %	±1-1.5 %
humidification		●		●		●		●
Humidity fluctuation		±2%		±3%		±2%		±3%
Light function			●	●			●	●
timer	●	●	●	●	●	●	●	●
Over-temperature alarm	●	●	●	●	●	●	●	●
warranty	3 years				2 years			



## **KENTON APPARATUS LTD.**

**Manufacture of drying oven, lab incubator, climate chamber, laminar flow cabinet, biological safety cabinet(OEM,ODM)**

Kenton is a laboratory instrument manufacturer. In 1999, Kenton produced the first batch of 101 series drying oven and launched them on the market. Later, it successively launched incubator, biochemical incubator and other series. In 2005, we obtained ISO: 9001 quality certification, and in 2008-2012, we successively obtained CE certification. In 2013, a new generation of product series was introduced, and its functions and uses were comprehensively upgraded. The liner material was upgraded to SUS 304 stainless steel. In 2011, we expanded the global market, and now our products are sold to Europe, America, Southeast Asia major markets. Kenton manufactures laboratory equipment under our own brand. Our product line includes biological safety cabinets, artificial climate chambers, drying ovens, incubators, high temperature chambers, humidifiers, water baths, industrial air ovens, laminar flow cabinet, biochemical incubators, vacuum ovens, constant temperature and humidity chambers, and light incubators, among other series. The 30,000 sets produced annually are expected to expand at a pace of 20% annually. It has emerged as South China's biggest and most significant equipment manufacturer. The business has launched Kenton Technology Ltd. to concentrate on the development of supporting equipment in the disciplines of biological research and life sciences, in response to changes in worldwide market demand. We increased the new product series, which includes: blood oscillator, anaerobic oven, (Ultra)low temperature refrigerator, non-pipeline clean gas fume hood, sterile isolation cabinet, drug testing safety cabinet, etc., via independent research and development and technical advancement. Numerous scientific research departments, medical preservation, genetic vaccination, and other businesses make extensive use of our goods. In the meanwhile, we have expanded our recognition and support and have sold to Europe, America, Southeast Asia, Australia, the Middle East, and other international markets thanks to consistent investment, research and development, and advancements in workers, equipment, and technology. To supply top-notch goods and services to reputable laboratories and scientific research centers, as well as to mining and industrial companies both domestically and internationally.

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