



LRH (MJ) series

Temperature & Humidity chamber

(MJ-Mold)

-----Fluorine free refrigeration


Balance control make the temperature and humidity more uniform



Application:

It is a standing equipment for scientific research and universities such as environmental protection, sanitation and epidemic prevention, drug inspection, agriculture and livestock, aquatic products, etc. it is also widely used in bioengineering, water analysis, industrial product performance test and other fields.

Structure features:

 Balanced refrigeration makes the temperature fluctuation small, integrates

automatic defrosting and multi-layer safety protection to meet the needs of long-term operation. It is equipped with internationally famous brand compressors with delay protection function and operates smoothly

🔧 Green environmental protection concept, using fluorine-free refrigerant to make the system more energy-saving and efficient, and make the environment healthier

🔧 Reasonable air duct circulation system to ensure uniform temperature of working room;

🔧 The inner liner is made of SUS304 mirror stainless steel, which is more corrosion resistant than 201. The shelf spacing and the number of shelves can be adjusted, except for LRH-50, the Ø 50 stainless steel test hole is standard equipped, to facilitate the probe to import the inner to read the data;

🔧 Upgraded LCD screen and programmable microcomputer intelligent PID control technology to keep the temperature and humidity accurate and constant. Equipped with RS485 computer interface and software, and with timing, over temperature alarm and other functions;

🔧 The humidification component adopts a built-in large capacity intelligent humidification system with an automatic water replenishment tank, which is convenient for use. The advantages of a built-in humidification includes faster reaction, the external type of humidification can easily cause humidity fluctuations due to the long pipe humidification reaction. The humidification amount in the built-in design is more than the external design, it is also difficult for the external humidification design to meet the high humidity requirements.

🔧 "H" has the maximum temperature range of 90 °C , and high-temperature sterilization can be performed after each experiment to reduce cross-infection, and warranty two years.

🔧 Double door design, light device inside. (for humidity chamber)

🔧 UV lamp function makes the working chamber sterile (for MJ series)

Model	Temp range (°C)	Accuracy (°C)	Volatility%	Humidity Range	Humidity fluctuation %	Timing range	Voltage (V)	Power (KW)	Inner 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

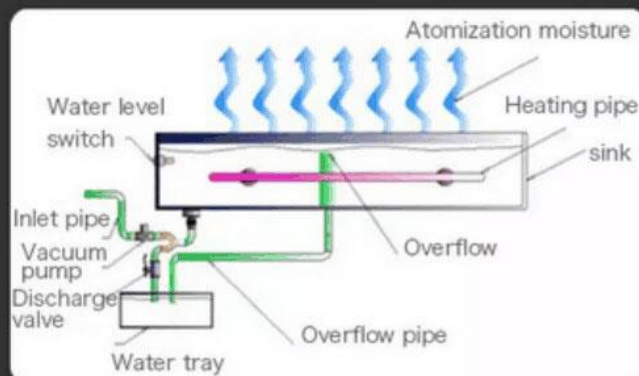
1. “H” series will be delivered in 8 days after order.
2. The maximum load of each shelf is 20 KG.

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





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



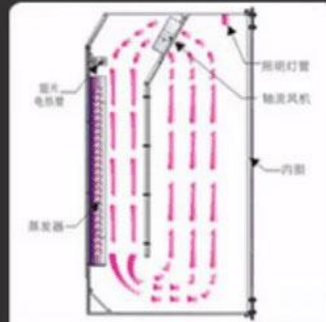
Fluorine-free balanced refrigeration system

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) climat e	SPX-MJ (Basic) temp.	LRH-MJ (Basic) temp. -Humid	GZP (Basic) temp -light	PQH (Basic) climate
								
Controller								
programmable control system	●	●	●	●				
PID LCD	● (touch screen)	● (touch screen)	● touch screen	● touch screen	●	●	●	●
Chamber material								
SUS304 St.steel	●	●	●	●		●	●	●
201 St.steel					●			
Motor fan								
High temperature resistant bearing	●	●	●	●				
Heat element								
St.steel	●	●	●	●	●	●	●	●
RS232 port	●	●	●	●				
Network control	●	●	●	●				
ALLCOLD balanced refrigeration	●	●	●	●	●	●	●	●
ALLFLOW circulation	●	●	●	●	●	●	●	●
ALLSENS temp.control	●	●	●	●				
ALLIGENT humidification		●		●		●		●
Pro-Bright light system			●	●			●	●
Save energy insulation	●	●	●	●				
UV function	“MJ”●	“MJ”●			“MJ”●	“MJ”●		
Refrigeration 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°C	±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 Apparatus Limited was found in 1999, production plant was set in Guangzhou,China.It is mainly engaged in production,sales and export of laboratory thermostatic equipment and biological scientific equipment,and has provided high-quality products and services for professional laboratories and scientific research .institutions at domestics and abroad for many years.

We relies on an international professional R & D team to keep the design and technology of products in step with the world and constantly seek breakthroughs.

Since its establishment, the company has been focusing on thermostatic equipment products in related fields. Now it is a high-tech enterprise integrating science, industry and trade. Its business covers China, Southeast Asia, America, Europe, Australia and other countries.

At the same time, based on the business philosophy of "walking with scientific researchers", and taking advantage of the company's geographical advantages, the

company has carried out extensive communication and exchange with scientific researchers in different regions for many years, and carried out long-term follow-up services to users, constantly improving the function and quality of products, so that products can better meet the requirements of users.

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