

# Temperature & Humidity Chamber

## Microprocessor controller (with timing function)

### Summary

It is equipped with a precise system of temperature and humidity control, which provide various necessary environmental simulative conditions for industrial researches and biotechnology tests. Widely applied in sterile tests and stability check-up of pharmaceuticals, textile and food processing as well as tests in material, performance, packing and lifetime of industrial products.

### Features

- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Microprocessor controller for temperature and humidity ensures of precise and reliable control.
- Imported compressor.
- Independent temperature-limiting alarm system ensures experiments run safely.
- Printer connector and RS485 connector are options which can connect printer and computer to record the parameters and the variations of temperature.(option)
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement.



## Specifications

Model	LHS-80HC-I LHS-80HC-II	LHS-150HC-I LHS-150HC-II	LHS-250HC-I LHS-250HC-II	LHS-500HC-I LHS-500HC-II	LHS-800HC-I LHS-800HC-II
Temperature Range	I:-5~80°C II:-10~70°C				
Display Resolution	0.1°C				
Temperature Stability	High $\pm 0.5^{\circ}\text{C}$ Low $\pm 1^{\circ}\text{C}$				
Temperature Uniformity	$\pm 2^{\circ}\text{C}$				
Humidity Range	I:40~85% II:40~95%				
Humidity Accuracy	$\pm 3\%\text{RH}$				
Power Consumption	2000W	2100W	2300W	3850W	8050W
Ambient Temperature	$+5\sim 35^{\circ}\text{C}$				
Electrical Requirement	220V 50Hz				380V 50Hz
Interior Dimension(W×D×H,mm)	400×400×500	550×405×670	600×500×830	670×720×1020	800×590×1650
Exterior Dimension(W×D×H,mm)	550×790×1080	690×800×1430	740×900×1580	850×1100×1930	1360×890×2000
Shelves	2PCS	3PCS		4PCS	

\* LHS-HC-II series standard with printer

\* LHS-HC-I series is dry and wet ball type sensor, LHS-HC-II series is humidity capacitance type sensor

## Options

- Printer



- Independent temperature-limiting Alarm system

