

# Medicine Stability Testing Chamber

## Microprocessor controller (with timing function)

### Features

- Fluorine-free design, R134a refrigerant.
- Microprocessor control, 304 stainless steel chamber, semicircular arcs at corners for easy cleaning
- Even air circulating system.
- 2 imported compressors and fan motor, 2 cooling systems ensure experiments run safely in long time.
- Over temperature and temperature difference alarms, humidity difference alarms.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- Imported humidity sensor which can be used in high humidity environment.
- Balance temperature and humidity adjusting system.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement.
- UV light system for periodic sterilization of chamber.(Option)
- RS485 connector can connect computer record and inspect the parameters and the variations of temperature.(Option)

### Programmable Touch Screen

- Large LCD screen to display more data at same time
- English operation menu, display current data curves
- 100 groups with 1000 periods 999 circulations, max timing for each period is 99 hours 59 minutes.
- Auto lock after setting data.

### Safety device

- Compressor over-heat protection
- Fan over-heat protection
- Over-temperature alarm system
- Over-compressing protection
- Over-load protection
- Water lack protection

### Storage conditions for long-term retention sample stability test

Temperature:  $+25^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Humidity:  $60 \pm 5\% \text{RH}$

Time: 12 months

### Storage conditions for accelerated stability test

Temperature:  $+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Humidity:  $70 \pm 5\% \text{RH}$

Time: 6 months

Illumination under strong light conditions:  $4500 \pm 500 \text{LX}$

Above related parameter is for reference only.

\* With model "P" with Programmable Touch Screen

\* With model "G" with Light



SD/GSD Series



SDP series



GP series



GSP series

## Specifications

Model	LHH-80SD LHH-150SD LHH-250SD	LHH-80SDP LHH-150SDP LHH-250SDP	LHH-150GSD LHH-250GSD	LHH-150GSP LHH-250GSP	LHH-150GP LHH-250GP LHH-400GP
Temperature control range	0~65℃		0~65℃ without illumination 15~50℃ with illumination		
Temperature Stability	±0.5℃				
Temperature Uniformity	±2℃				
Humidity Rang	25~95%RH				/
Humidity Stability	±3%RH				/
Illumination	/		0~6000LX adjustable		
Illumination difference	/		≤±500LX		
Timing Rang	1~99 hours each period				
Humidity and temp adjusting	Balance temperature and humidity adjusting			Balance temperature adjusting	
Cooling system/cooling mode	Two sets of imported compressor work rotationally ( LHH-80SDP only one set)				
Controller	Programmable ( LCD screen)	Programmable ( touch screen)	Programmable ( LCD screen)	Programmable ( touch screen)	Programmable ( LCD screen)
Sensor	Temp: Pt100, Humidity: capacitance sensor				Temp: Pt100
Ambient Temperature	RT+5~30℃				
Electrical Requirement	AC220V 50Hz				
Operating Power	Appr.650W/680W/750W		Appr.680W/680W/750W/750W		Appr.450W/450W/600W
Rated power	2000W/2800W/3000W		2950W/2950W/3200W/3200W		1450W/1700W/3200W
Chamber Volume	80L/150L/250L	80L/150L/250L	150L/250L	150L/250L	150L/250L/400L
Interior Dimension (W×D×H)mm	400×400×500 550×405×670 600×500×830	400×400×500 550×405×670 600×500×830	550×405×670 600×500×830	550×405×670 600×500×830	550×405×670 600×500×830 700×550×1140
External Dimension (W×D×H)mm	550×790×1080 690×805×1530 740×890×1680	550×790×1080 690×805×1530 740×890×1680	690×805×1530 740×890×1680	690×805×1530 740×890×1680	690×805×1530 740×890×1680 950×850×1850
Shelves	2/3/3(pcs)	2/3/3(pcs)	3/3(pcs)	3/3(pcs)	3/3/4(pcs)
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections				
Remark	1. Build in Embedded Printer. 2. Paperless recorder (Option). 3. GP/GSD/GSP series products have installed intensity of illumination detector. 4. Model LHH-80SD and LHH-80SDP is a set of enclosed imported compressors.				