

FEATUREA

- 1) -65°C ~ 150°C within 10 min
- 2) Both of 2 zone elevation type, 3 zone Damper Type are possible.
- 3) Low noisy and fast temp change is possible by strong refrigerator.
- 4) The safety is guranteed by various safety fuction.
- 5) Recoder is standard option so the result can be checked easily.

SPECIFICATION

Spec. / Model	K-HB809S	K-HB809L
Test Area Dimension	350x350x450(H)mm	500x500x500(H)mm
Sample Loading Weight	Max. 25Kg	Max. 40Kg
Temp. Range	Heating Chamber	+60°C to +150°C
	Cooling Chamber	-70°C to -10°C
Heat-UP Time	Approx. 10Min from -65°C to +150°C	
Pull-Down Time	Approx. 10Min from +150°C to -65°C	
Temp. Controller	PID Control By Programmable Controller And Manual Controller	
Temp. Recorder	100mm 6Point Hybrid Recorder	
Power	220V AC 3φ 50Hz	
Driving	Air Cylinder Elevation System	
Safety Device	Circuit Breaker, Motor Over-Load Relay	
	Over Heat Protector For Heat Chamber	
	Over Cooling Protector For Cooling Chamber	
	High-Low Pressure Switch For Refrigeration System	
	Various Fuse	
	Alarm Mode	

* Customized Model is possible.

** Above specification can be modified without notice.

THERMAL SHOCK CHAMBER



SPECIFICATION

MODEL	HB-803ST	
Main Controller	Touch Screen Control 300 Pattern 3000 Segment	
Temp. Range	-40°C ~ 150°C	
Temp. Accuracy	±0.1°C at 80°C	
Humid. Range	30% ~ 95% R.H	
Humid. Accuracy	±0.2°C at 50°C	
IR Lamp Control	Microprocessor PID Controller	
Lamp	Infra-red Lamp 185W x 30EA	
Lamp Power	SCR Wattage Controller	
Dimension	Internal	1200x1000x1800(H)mm
	External	2400x1220x2450(H)mm
Temp Down Time	20°C ~ -40°C / 60Min Approx	
Temp Up Time	20°C ~ -120°C / 45Min Approx	
Material	Internal	SUS 304 Polishing Plate
	External	SCP-1 Powder Coating
	Door	Silicon Packing Door With View Window
Recorder	12 Channel Recorder 180mm Chart Paper	
Safety Device	High/Low Limit S/W. Earth Leakage Breaker, EOCR, Water Level Monitor	
Power	AC 220V / AC380V 3P 50Hz	
Optional Accessory	Computer Control Software	

* Customized Model is possible.

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COMBINATION ENVIRONMENTAL CHAMBER



- 1) Selectable controller
Toch Screen, LCD Program Control, Computer Soft-ware Control type.
- 2) Infra-red Lamp
Inner-Heating by IR Lamp provide 90°C ~ 120°C as temp range.
- 3) IR Lamp Control Time
The time from 8°C ~ 90°C to 90°C ~ 120°C is about 15 min
- 4) Data Recording
12 points on object are measured individually