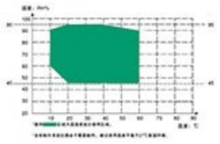
Constant Temperature and Humidity Incubators





Features and Advantages:

- Unique internal wind circulation structure design,breeze circulate fan make inner chamber temperature uniformity.
- Large LCD display, multiple data display at the same time,30-stage program control, round move, ladder operating, with function of loop self-diagnose and sensor fault alarm.
- Intelligent PID temperature control system, high precise temperature control PT100 sensor equipped, high precise and stability import humidity sensor component to control humidity automatically.
- Double door structure, with high quality stalinite to observe samples, outer door with magnetic strip, convenient to on and off, good sealing
- Intelligent defrosting function ensure device long-time run without frost.
- Inner humidifying system with small particles, good humidity uniformity, low water consumption and function of alarm when is short of water.

Technical Specifications

Model		HWS-70B	HWS-150B	HWS-250B
Cycle Mode		Forced convection		
Function	Temp. Range	No humidification: 0~65℃; humidification: 10~60℃		
	Temp. Resolution Ratio	0.1℃		
	Temp. Motion	High Temp.: ± 0.5℃ Low Temp.: ± 1℃		
	Temp. Uniformity	± 1℃		
	Humidity Range	45%~95%RH		
	Humidity Stability	± 5%RH		
Structure	Inner Chamber	Mirror Sainless Steel		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Insulation Layer	Polyurethane		
	Heater	Stainless steel heater		
	Power Rating	1.8kW	2.0kW	2.2kW
	Compressor	Air cooled hermetic compressor		
	Cryogen	R134a		
	Defrost Structure	Automatic control intelligent defrosting		
	Humidifying Method	Internal		
	Test Hole	Plastic test hole Φ43mm		
	Controlled External Power Supply	Universal socket (one)		
	Temp. Setting Mode	Touch button setting		
	Temp. Display Mode	Measuring temperature: LCD upper row; Setting temperature: LCD lower row		
	Humidity Control Mode	AUTO		
	Timer	0-99.9h*30Segment(with timing wait function)		
	Operation Function	Timing function, Auto stop, Program operation		
	Sensor	PT100		
	Humidity Sensor	High precision anti-condensation		
	Additional Funciton	LED light, deviation correction, Menu key lock, Power failure parameter memory loop self diagnosis		
Safety Device		Over temp alarm, Over humidity alarm, Water shortage alarm		
Specification	Inner Chamber Size(W*L*H)(mm)	415*350*500	490*400*750	500*515*950
	Exterior Size (W*L*H)(mm)	571*591*1051	646*641*1301	656*741*1501
	Packing Size (W*L*H)(mm)	680*676*1235	751*730*1490	761*830*1690
	Volume	70L	150L	250L
	Load Per Rack	15kg		
	Max. Shelf Number	5	9	12
	Shelf Space	60mm		
	Supply (50/60Hz) Current Rating	AC220V/8.2A	AC220V/9.1A	AC220V/10A
	NW/GW (kg)	69/92	86/114	100/139
Accessory	Shelf	2		
Optional Accessories		Spare shelf, USB Interface and software, printer, Recorder, remote control,U-disk storage		