Constant Temperature and Humidity Incubators

◎Constant temperature experiment and environmental test of humidity range.

Characteristics:

- Unique internal wind circulation, fan breeze circulation.
- Intelligent PID temperature control system, high temperature control accuracy. imported humidity sensor module.
- The double door structure, with high quality glass easy to observe the samples, the outer door with magnetic strip, good sealing.
- The upgraded humidifying system has the advantages of small particles, good humidity uniformity and low water consumption.

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Main Technical Parameters:

	Model	HWS~70B	HWS~ 150B	HWS~250B
	Cycle Mode	Forced convection		
Function	Temp. range	No humidification：0～65℃；humidification：10 ～65℃		
	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	0.8kW	1.0kW	1.2kW
	Compressor	Air cooled hermetic compressor		
	Cryogen	R134A		
	Defrost structure	Automatic control intelligent defrosting		
	Humidifying method	External		
	Test hole	Stainless steel inner diameter 50mm(one)		
	Controlled external power supply	Universal socket (one)		
Controller	Temp. control mode	30 section LCD program		
	Temp. setting mode	Touch button setting		
	Temp. display mode	Measuring temperature: LCD upper row； Setting temperature: the lower row		
	Humidity control mode	Automatic		
	Timer	0～99.9h×30 section（with timing wait function）		
	Operation function	Program operation, timing function,auto stop.		
	Sensor	Pt100		
	Additional funciton	UV lamp、LED light、Deviation correction、Menu key lock、Self diagnosis of power failure parameter memory loop		
	Safety device	Over temperature alarm, mechanical temperature limiter		
Specification	Inner Chamber size(W*L*H)(mm)	420*350*500	500*500*600	600*500*840
	Exterior size (W*L*H)(mm)	580*610*1190	660*760*1290	760*760*1530
	Packing size (W*L*H)(mm)	708*716*1368	788*866*1468	888*866*1708
	Volume	70L	150L	250L
	Load per rack	15kg		
	Shelf number	9	12	18
	Shelf space	35mm		
	Power Supply（50/60Hz）Current rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
	NW/GW (kg)	69/92	86/114	100/139
Accessory	Shelf	2		
	Optional accessories	Shelf, Touch screen controller, RS485 interface, Printer, Recorder, Remote control, Wireless SMS alarm, USB data storage		