

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°C; humidification: 10 ~ 65°C			
	Temp. Resolution Ratio	0.1°C			
	Temp. Motion	High Temp.: ± 0.5°C Low Temp.: ± 1°C			
	Temp. Uniformity	± 1°C			
	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 x 30 section (with timing wait function)			
Operation function		Program operation, timing function, auto stop.			
Sensor		Pt100			
Additional function		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	
Accessory	NW/GW (kg)	69/92	86/114	100/139	
	Shelf	2			
Optional accessories		Refer to Page 42			