



Environmental Chamber Temperature And Humidity Test Chamber GT-C52

Application of Environmental Chamber:

Temperature Humidity Chamber for conditioning of samples prior to testing. It also can be used for a variety of materials of high - low temperature alternating test. The test temperature, humidity and time can be programmed.

Control System

1. Touch screen, South Korean import,900 temperature controller
2. Temperature and Humidity Chamber Control mode: Touchpad
3. Display: LCD display, Korean TEMi880, programmable.
4. System capacity:120 groups program X100 sections, required segmentation sections of each group can be arbitrarily divided and each program can freely link another.
5. Cycle setting: each operation procedure can carry out 9999 times or heaps of times cycle and repeated performance, and to the degree, divide further 5 segmentation sections to do part cycle of the extra.

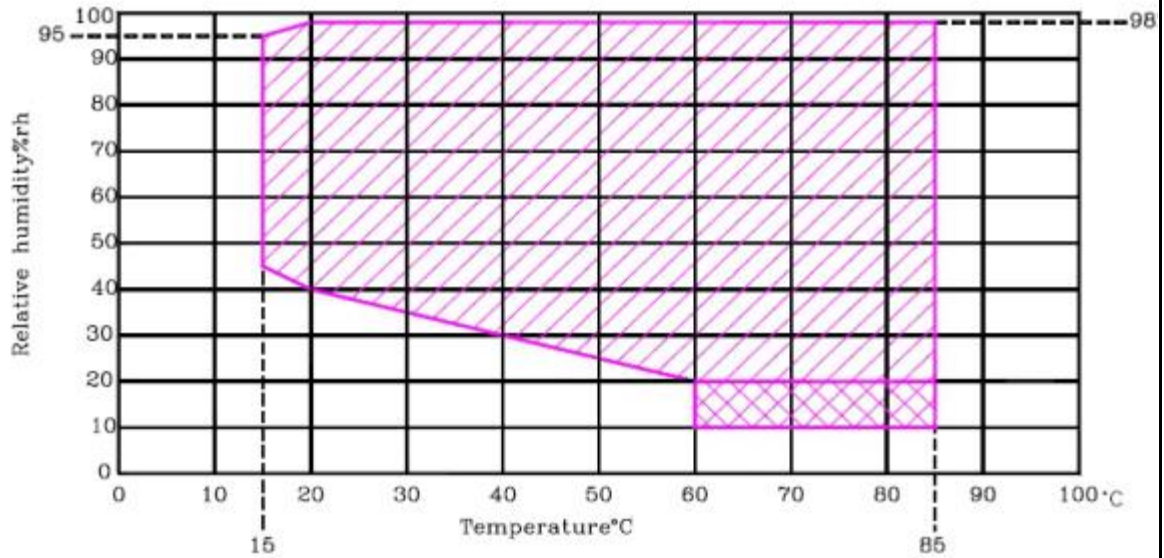
Test Space Options

Capacity	80L	150L	225L	408L	612L	1000L
Inside dimension WxHxD(cm)	40x50x40	50x60x50	50x75x60	60x85x80	80x90x85	100X100X100
Outside dimension WxHxD(cm)	95x136x94	100X146X104	100x161X117	110x171x137	130x181x137	152x 210x 127

Key Specifications of temperature and humidity chamber

Temperature range (optional, can be custom-made)	-20~150°C	-40~150°C	-60~150°C
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Humidity range 20%~98%, can be set.



Rate of temperature increasing	Room temperature~150°C	About 45 minutes(non-linear no-load, about 3.5°C/minute)	
	Room temperature~-20°C	About 45 minutes(non-linear no-load, about 1.2°C/minute)	
Machine precision	Control accuracy (test precision)	Temperature	+/-0.5°C
		Humidity	+/-1%RH
	Distribution accuracy (uniformity)	Temperature	+/-1.0°C
		Humidity	+/-2%RH
Environment temperature	5°C-28°C		
Environment relative humidity	≤85%RH		
Power voltage	220V AC(+/-10%), protect ground wire, ground resistance≤4Ω.		
Frequency	50+/-0.5Hz		

Power switch	Air-break switch(40A, knife switch or outlet is prohibited to use.)
Power	4.5KW
Humidification water	Resistivity($\geq 500\text{M}\Omega$)
Requirement of ambient air quality	Do not contain high concentration dust and flammable gas, without strong electromagnetic radiation source nearby.
Power supply	AC1 ϕ 3W 380V 50/60HZ, voltage change allowed value: $\pm 10\%$ of fixed voltage.
Max loading capacity	8KVA
Max operating current	30A

