



TEMPERATURE & HUMIDITY TEST CHAMBERS



Standard Features

1. Air Cooled refrigeration system.
2. Programmable TFT 5.7" touch screen colour controller.
3. Networking Software and RS232/ RS485 connections, up to 16 chambers.
4. 50mm access points on left side of chamber.
5. Large Viewing Window (300mm x 350mm)
6. Caviety Operation.
7. Castor Wheels.
8. 2 Stainless Steel Shelvings.
9. Cartridge type water reservoir with connector.
10. Capacitive measuring humidity sensor.

Standard Safety Features

1. Leverage breaker.
2. Circuit breaker.
3. Overheating protection from high temperature and humidity.
4. High and low refrigeration pressure switch.
5. Built-in compressor protection.
6. Low water level switch.
7. Current sensing switch for air circulator.
8. Current sensing switch for compressor.
9. Pressure relief port.
10. Emergency shut-off switch.

Options

1. Air dryer for low humidity control.
(to achieve 10 Deg. C, 10% rH conditions)
Air capacity: 12 cfm
Air pressure: 100 psi
2. Chart Recorder (2, 6, 10 or 12 channels); paper or paperless.
3. Dust filter for condensing coil.
3. Additional port holes (50mm, 75mm or 100mm).
4. Additional Shelves.
5. Customisation of sizes and specs are ***most welcome***.



Environmental Test Solutions Partner



Korean Made Quality, Assurance and Reliability Equipment



Proudly Distributed & Marketed By:



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MODEL NO.	TH	60/90	60/70	150/40	150/70	500/40	500/70	1000/40	1000/70
Test Space Volume	Litres	60		150		500		1000	
Test Space Width	mm	300		500		700			
Test Space Depth	mm	400							
Test Space Height	mm	500		600		800			
Exterior Width	mm	900		1100		1300		1600	
Exterior Depth	mm			1000		1100		1500	
Exterior Height	mm	1500		1600		1800		2100	
Maximum Temperature	Deg. C	+180 Deg. C							
Minimum Temperature	Deg. C	-40 Deg. C	-70 Deg. C	-40 Deg. C	-70 Deg. C	-40 Deg. C	-70 Deg. C	-40 Deg. C	-70 Deg. C
Temp. Heat Up Rate	Deg. C/ min	4.0	3.0	4.0	3.0	4.0	4.0	4.0	3.0
Temp. Cool Down Rate	Deg. C/ min	4.0	4.0	3.0	2.5	3.0	2.5	3.0	2.5
Temp. Consistency (Time)	From 0.1 to 0.1 Deg. C								
Temp Uniformity (Space)	From 0.1 to 1.5 Deg. C								
Calibration values	-20 Deg. C and +70 Deg. C								
Humidity Range	20 to 98% (10% Optional)								
Humidity Consistency (Time)	Less than +/- 1.5% rH								
Humidity Uniformity (Space)	Less than +/- 3.0% rH								
Maximum Heat Compensation	W	250		400		500			
Electrical Connections		220V, 1/N, 50Hz			415V, 3/N, 50Hz				
Cooling Condenser	Air								

* We reserve the right to make any technical alterations to the advancement of our equipment.