

# The Complete Environmental Test Solutions

## Environment Simulation

- Hot Chamber
- Cold Chamber
- Humidity Chamber
- Cyclic Chamber
- Climatic Chamber
- Environmental Chamber
- Walk in Chamber
- Thermal Shock
- Freezer Cabinet
- Chiller Plant
- Oil & Water Bath

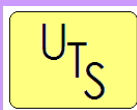


## Acoustic Control

- Noise Booth
- Acoustic Door
- Sound Proofing



Environmental Simulation and Testing Consultants



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## The Design Brief

- Leading-edge technology
- Service-proven, maintenance-friendly
- Highest possible quality, reliability and durability
- Economical to run, environmentally friendly
- Modular construction for ultimate in flexibility

## Climatic Test Chambers / Environment Test Chambers

### Product Features



Internal Volume	125Ltrs to 2000Ltrs
Temperature Range	-65degC to 180degC
Temperature Ramp	Up to 5degC/min average
Humidity Range	20% to 98% RH
Fabrication	CNC Fabrication
Exterior Finish	SS304 / MS Powder Coated
Inner Finish	SS304
Viewing Window	5 Pane, Vacuumised , with Strip Heaters
Controller	Eurotherm High Performance PID Controller
Port Holes	Access Port Holes with Silicone Closures
Interface	RS232/485

## Walk in Test Chambers

### Product Features



Internal Dimensions	As per Customer Specification
Temperature Range	-40degC to 180degC
Temperature Ramp	Up to 2degC/min average
Humidity Range	20% to 95% RH
Fabrication	CNC Fabrication
Exterior Finish	SS304 / MS Powder Coated
Inner Finish	SS304 / SS316
Viewing Window	5 Pane, Vacuumised , with Strip Heaters
Controller	Eurotherm High Performance PID Controller
Port Holes	Access Port Holes with Silicone Closures
Interface	RS232/485
Door Assembly	Single or Double Door

## Thermal Shock Test Chamber



### Product Features

Environment	Hot Zone : Ambient to 200degC
Simulation	Cold Zone : Ambient to -70degC
Basket Volume	Up to 210Ltrs
Fabrication	CNC Fabrication
Exterior Finish	SS304 / MS Powder Coated
Inner Finish	SS304
Viewing Window	5 Pane, Vacuumised , with Strip Heaters
Controller	Eurotherm High Performance PID Controller
Interface	RS232/485

## Vibrator Integratable / Agree Test Chamber



### Product Features

Internal Dimensions	Up to 1000Ltrs
Temperature Range	-70degC to 180degC
Temperature Ramp	Up to 5degC/min average
Humidity Range	20% to 98% RH
Fabrication	CNC Fabrication
Exterior Finish	SS304 / MS Powder Coated
Inner Finish	SS304
Viewing Window	5 Pane, Vacuumised , with Strip Heaters
Controller	Eurotherm High Performance PID Controller
Port Holes	Access Port Holes with Silicone Closures
Interface	RS232/485

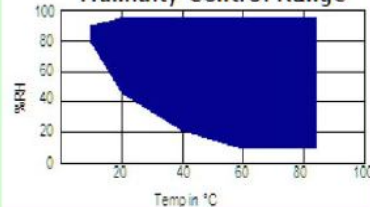
Bitzer UK Comperssor



DWM Copeland Condenser



Humidity Control Range



Danfoss Refrigeration Accessories



Programmable PID Controller



Schneider Elec. Accessories



## FOR BIOLOGICAL RESEARCH, CLINICAL AND INDUSTRIAL APPLICATIONS



**Pharmaceutical Laboratory Rooms**

## CHROMATOGRAPHY CABINETS



These cabinets provide controlled temperature inside the chamber for chromatography experiments and a wide range of other purposes. The interior of the cabinet is constructed of Stainless Steel ( SS304 ) with two hinged, lockable, double glazed, glass panel doors.

### Temperature Range:

- Freezer Cabinet : **4° C , -20° C, -40° C, -50° C, -80° C**
- Cold Room: 4° C
- Freezer Room: **-10° to -40° C**
- Incubator Room: 25° C To 50° C
- Environmental Room: 0° C to 50° C
- Ultra-Low Freezer Room: **-10° C to -80° C**
- Chromatography Cabinet : 2 ° C to 4° C

### Humidity Range

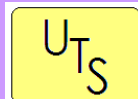
- Ambient to 95% RH as limited by 4° C dewpoint
- 20% to 95% RH as limited by 3° C and 40° C dewpoints
- Special: Chemical desiccant drier system



## ACCOUSTIC CONTROL



## OUR CLIENTS



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