

# ULTRA THERMO

## HIGH LOW ENVIRONMENTAL TEST CHAMBER

### The Design Brief

- Leading-edge technology
- Service-proven, maintenance-friendly
- Highest possible quality, reliability and durability
- Economical to run, environmentally friendly



STAND ALONE

### Internal Volume

125Ltrs to 2000Ltrs

### Performance

Temp Range : -60°C to +150°C  
Control Accuracy : with in +/- 0.5°C  
Gradient Accuracy : +/- 1°C  
Ramp Rate : 2°C to 5°C / min between  
180 °C & -40 °C



*Danfoss*

### Standard Facilities

Access Port with silicone plug  
5 Pane Viewing Window  
Viewing Light  
SS 304 Loading Tray  
Drain for Condensate  
Strip heaters for Door and Window  
Emergency Stop  
Door Interlock  
Single Phase Preventer  
RS232C interface with PC S/w  
All possible alarms & interlock  
Low and High Temperature cutoff

### Optional

Touch Screen Controller

## ULTRA THERMO SCIENTIFIC

New No. 19, Old No, 3A, Manimegalai Street, East Tambaram, Chennai 600 059

Phone : 9841025507 Email : [ultrathermoscientific@gmail.com](mailto:ultrathermoscientific@gmail.com); [thermo@yours.com](mailto:thermo@yours.com)

TNGST 0962538/03-04; CST 770373 dt. 17.9.03

# ULTRA THERMO

## Others

Air Cooled Refrigeration System (Single /Cascaded) with CFC Free refrigerant  
Factory Calibration Certificate traceable to NABL  
16 SWG MS Powder Coated Exterior  
16SWG SS304 Interior with Full TIG Welding

## Danfoss Refrigeration Accessories



## Schneider Elec. Accessories



- All the electrical items used will be of standard IP grade suitable for Humidity chamber
- All the switch gears and MCB's used in the construction shall be of high quality reputed brands.( Schneider Electric )

## ULTRA THERMO SCIENTIFIC

New No. 19, Old No, 3A, Manimegalai Street, East Tambaram, Chennai 600 059

Phone : 9841025507 Email : [ultrathermoscientific@gmail.com](mailto:ultrathermoscientific@gmail.com); [thermo@yours.com](mailto:thermo@yours.com)

TNGST 0962538/03-04; CST 770373 dt. 17.9.03

# ULTRA THERMO

## Advantages

The systems designed for 35degC Ambient. No Air Conditioning required for full performance.

Direct Sales and Service Support from the Manufacturers. The Equipment will be designed, manufactured and proved to your requirement. Full and immediate technical support will be available directly from the manufacturer.

Spares will be available off-the-shelf and the equipment can be brought back to working condition even at the worst breakdown scenario with in 3-5 working days.

Direct application oriented support from the factory.

Can be made to order. Can be custom made to meet all the specifications.

Factory will be directly involved in the installation and support of the supplied systems. .



Heat / Cold / Constant Climates  
/ Alternating Temperatures /  
Alternating Climate

IEC 60068,

IEC 60721-4,

DIN40046, part 3,

DIN 72300-4,

DIN 40046

MIL-STD-810, MIL-E-5272, MIL-  
STD-202

MIL-STD-331

## ULTRA THERMO SCIENTIFIC

New No. 19, Old No, 3A, Manimegalai Street, East Tambaram, Chennai 600 059

Phone : 9841025507 Email : [ultrathermoscientific@gmail.com](mailto:ultrathermoscientific@gmail.com); [thermo@yours.com](mailto:thermo@yours.com)

TNGST 0962538/03-04; CST 770373 dt. 17.9.03