

# ULTRA THERMO

## HOT CYCLIC CURING CHAMBER

### The Design Brief

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



Internal Volume	Internal Dimensions	Temperature Range	Extended Temperature Range
125Ltrs	500X500X500mm	Ambient to +180°C,	Ambient up to +400°C,
210Ltrs	600X600X600mm	Ambient to +180°C	Ambient up to +400°C,
350Ltrs	700X700X700mm	Ambient to +180°C	Ambient up to +400°C,
500Ltrs	800X800X800mm	Ambient to +180°C	Ambient up to +400°C,
750Ltrs	900X900X900mm	Ambient to +180°C	Ambient up to +400°C,
1000Ltrs	1000X1000X1000mm	Ambient to +180°C	Ambient up to +400°C,
1350Ltrs	1100X1100X1100mm	Ambient to +180°C	Ambient up to +400°C,
1800Ltrs	1200X1200X1200mm	Ambient to +180°C	Ambient up to +400°C,

Custom Built Chamber and Specification Available

### Performance

Control Accuracy : +/- 0.5°C #  
Gradient Accuracy : +/- 1°C #  
Average Ramp Rate : 2°C to 8°C/min  
Down Ramp : up to Ambient #

### Performance

# Ramp Down Operation possible through Dry Air Purging



## 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

## Standard Facility

5 Pane Viewing Window  
Sample Viewing Light  
Drain for Condensate  
Emergency Stop  
Flame Proof Wiring

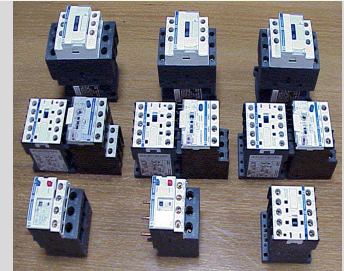
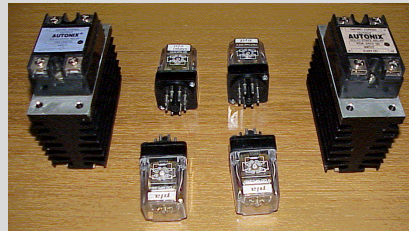
Door Interlock  
Single Phase Preventer  
RS232C interface with PC Software  
All possible alarms & interlock  
High Temperature cutoff

## Others

Factory Calibration Certificate traceable to NABL  
16 SWG MS Powder Coated Exterior  
18 / 16SWG SS304 / 202 Interior or GI Interior up to +150degC



- 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 )



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# **ULTRA THERMO**

## Advantages

Systems designed to work at 35° C Ambient. No Air Conditioning is required for full performance

Direct Sales and Service Support from the Manufacturer. 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.

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. .

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