

Environmental Test Chambers

H A S T E S T

Solar Panel Test, Solar Module Test and Solar Product Testers

Well built, long lasting test chambers that meet/exceed the existing international standards required for the testing of Solar Panels, Solar Modules and other Solar Products, with unique, uniform airflow systems.

Specially designed Solar Panel/Product Testing chambers meeting the IEC requirements for:

Thermal Cycling Test [-40 °C ~ +85 °C]

Humidity Freeze Test [+85 °C / 85% RH; -40 °C]

Damp Heat Test [+85 °C / 85% RH - 1000Hrs]

Hastest has been producing standard sizes of chambers based on the requirements of the Solar Industry as well as custom built chambers to meet unique customer sizes and specifications.

[View the Solar Panel/Product Test Specifications \(pdf\)](#)

[View the TEMI-300 Programmable LCD Controller Manual \(pdf\)](#)

Features:

- Unique, uniform airflow system
- Fin Heat Disperse-Stainless Steel Heater
- Swiss made Temp-Hum Sensor
- Sirocco Fan
- PID controlled-Stainless Steel Humidifier
- Half-Hermetic, Cascading-Bitzer-German Model Compressors
- Dupont Type [No Fluorine] Refrigerant
- Carpace-Water Type Condenser
- Multi-segment, Automatic Adjustment Evaporator
- High Efficiency Temperite Type, US Made Oil Separator
- TEMI-300 Programmable LCD Controller
- Stainless Steel Interior Material
- Stainless Steel [Baked Panel] Exterior Material
- Dual Doors
- Dual Windows with Anti Condensation, Frost Free
- Cable Ports with Plugs
- Water Tank- Auto Operation
- Pure Water Generating System



Anti-explosive Interior Lamps
 Fire Protector
 Fast Recovery Fuses
 Compressor Overload Protect
 High Pressure Protect
 Phase Reversal Protect
 Circuit Breaker System
 Lack of Water Detector
 Humidifier Overshoot Protector
 Emergency Stop Switch
 Alarms

[Click here to convert specifications to US](#)

Model	Solar Test Chamber
Size	2000W x 2500H x 3600D mm [Other Sizes Available]
Temperature Range	-50 °C to +90 °C
Temperature Constancy	±0.5 °C
Temperature Uniformity	±2.0 °C
Humidity Range	30 to 95% RH
Humidity Constancy	±2.5% RH
Humidity Uniformity	±5.0% RH
Heating Rate	1.5 °C / Minute [-40 °C to +85 °C]
Cooling Rate	1.2 °C / Minute [+85 °C to -40 °C]
AC Power Sources	440VAC/60Hz, 380VAC/50Hz, etc.

Factory Sales and Technical Support Center

Hastest Solutions Inc., 4423 Fortran Drive, Building 190, San Jose, CA 95134, USA
 Tel: 408 945 7861 Fax: 408 262 6699