

Environmental Test Chambers

H A S T E S T

HSI-80ITSB Temperature & Humidity Chamber

View the TEMI-300 Programmable LCD Controller Manual (pdf)

Features:

- Stainless Steel Plate (SUS#304, Mist) Interior
- Steel Plate [Baked Panel] Exterior
- High Density Polyurethane Froth Insulation
- Unique, uniform airflow system
- Vane Type Sirocco, L134, Fan
- SUS #304 Stainless Steel, PT 100 Ω , Temp-Hum Sensors (2)
- Fin Heat Disperse-Stainless Steel Heater
- PID controlled-Stainless Steel Humidifier
- Hermetic-Single Compressor
- Dupont [No Fluorine] Refrigerant
- Air cooled Type Condenser
- Multi-segment, Automatic Adjustment Evaporator
- High efficiency Temperite Type Oil Separator
- TEMI-300 Programmable LCD Controller
- RS-485 Communication Port/Connector
- SUS#304L-SS, PT 100 Ω Sensors
- Single Door
- Observation Window; Anti-condensation & frost free
- Cable Port with Plugs
- Water Tank
- Adjustable Shelves, Stainless Steel (2)
- Anti-explosive interior lamps [Lighted Push Button Switch]
- Redundant safety features



Fire Protection
 Fast recovery fuses
 Compressor overload
 High pressure protect
 Phase reversal protect
 Circuit breaker system
 Lack of water detector
 Humidifier thermal overshoot protector
 Alarms

Options:

Pure water generating system

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

Model	HSI-80ITSB
Interior Dimensions	400W x 500H x 400D mm [Many Other Sizes Available]
Exterior Dimensions	600W x 1620H x 820D mm
Volume	80 L
Temperature Range	-70 °C to +150 °C
Temperature Constancy	±0.5 °C
Temperature Uniformity	±2.0 °C
Humidity Range	30 to 95% RH
Humidity Constancy	±2.0% RH
Humidity Uniformity	±3.0% RH
Heating Rate	-70 °C to +150 °C Approx. 80 mins.
Cooling Rate	+20 °C to -70 °C Approx. 90 mins.
AC Power Sources	220VAC/60Hz/Single-Phase, 15Amps [Other Options Available]
Weight	260 kg [Approx.]