CSZ
Cincinnati Sub-Zero

CT- SERIES
CUSTOM-DESIGNED
TEMPERATURE / HUMIDITY CHAMBERS

Customized Test Chambers

Designed to Meet Your Requirements with Faster Change Rates

Our CT-Series Temperature/Humidity Chambers are custom-designed, high performance test chambers with fast change rates up to 25°C/min. and faster with certain options for accelerated stress testing. Chambers may be designed to meet your size requirements and virtually any performance criteria with high volume airflow, large horsepower compressors, and optional LN2 cooling.

All CT-Series Chambers offer heavy-duty construction and a variety of performance options while maintaining the precise temperature and humidity control essential for your product testing.

Features & Benefits

- Our EZT-570 Touch Screen Controller is designed to save chamber programming and setup time. Comes standard with data logging, data file access via memory stick or PC, Ethernet control and monitoring, alarm notification via email or phone text message, data file backup system, full system security, online help & voice assistance in multiple languages and more.
- RS-232/485 serial communications and Ethernet connectivity offer a selection of communications options
- EZ-View software allows user to control and monitor up to 20 chambers from any location
- Fog-free viewing window and interior light makes viewing workspace hassle-free
- High Performance with fast change rates for accelerated stress testing
- Customizable to meet your specific test requirements
- Durable chamber construction for dependability and longer life
- Energy savings provided through a bi-modal heating and cooling system that saves energy and eliminates the need to override the cooling system with an excessively large heating system
- Chamber construction provides customers with the flexibility to incorporate both left and right side ports in addition to ports in the top of the chamber for easy integration with your test device
- Fully welded ports and shelf pilasters eliminate potential leaks, increasing the life of your chamber
- Humidity water filtration system is included to filter impurities and protect your chamber interior
- An electronic humidity sensor is used on all humidity models for accuracy and minimal maintenance

Standard Features	
2.875" Access Port	Digital Display Temp. Limit & Alarm
Non-Settling Fiberglass Insulation	EIA-232/485 Computer Interface
Fog-Free Wiperless Window	Solid State RH Sensor*
Fused Electrical Components	Refrigeration Service Taps
Brushed Stainless Steel Interior	Zero Ozone Depletion Refrigerants
EZT-570 Touch Screen Controller	Refrigeration High Temperature Protection
Internal Light with Switch	Refrigeration Pressure Gauges
Refrigeration Pressure Protection	Humidity Demineralizer Water System*

*Humidity units only

Size	Built to your specification
Temperature Ranges	Single Stage: -34ºC to +190ºC (-30ºF to +375ºF) Tundra®: -45ºC to +190ºC (-50ºF to +375ºF) Cascade: -70ºC to +190ºC (-94ºF to +375ºF) Optional LN2 Boost: -85ºC (-120ºF) Optional LN2 Cooling Only: -184ºC to +190ºC
Optional Humidity Range	10% to 98% RH

Test chambers are customized to meet your test specification.

Custom-Designed Test Chambers for your Application

Where standard models are not adequate for your application, our extensive range of custom capabilities can provide enhanced performance.

Optional Accessories & Custom Capabilities

- Casters
- Shelving
- Access Ports
- Low Relative Humidity
- 50 Hz. Operation
- Dry Air Purge System
- CO2/LN2 Boost Cooling
- Temperature Recorders
- IEEE-488 Computer Interface
- Running Time Meter
- Electrical Disconnect Switch

- EZ-View Software
- Recirculating Humidity Water Supply
- LN2 Cooled Only Chambers
- Heat Only Chambers
- Electrical Disconnect Switch
- Custom-Size Chambers
- Explosion-Proof Electrical
- Ultra High & Low Temperatures
- Compliance to all Wiring Standards
- Custom Control Interface Capability
- Class I, Division I or II, Group D

Cincinnati Sub-Zero is a product brand of Weiss Technik North America, Inc. Weiss Technik North America is a member of the Weiss Technik group of companies, a division of the Schunk Group with its headquarters in Heuchelheim, Germany. Weiss Technik is the world's largest manufacturer of environmental simulation systems and employs more than 2,900 people in 18 group companies in 15 countries.

Request Information

CSZ
Cincinnati Sub-Zero
The Testing Standard.

Weiss Technik North America, Inc.
Cincinnati Facility
12011 Mosteller Road
Cincinnati, OH 45241

(p) **513-326-5252**
(f) **513-326-5258**

www.cszproducts.com

in Follow Us