



Endurance[®]

Full Feature Temperature
& Humidity Chambers

For Maximum Quality Assurance

IN STOCK
READY
TO SHIP

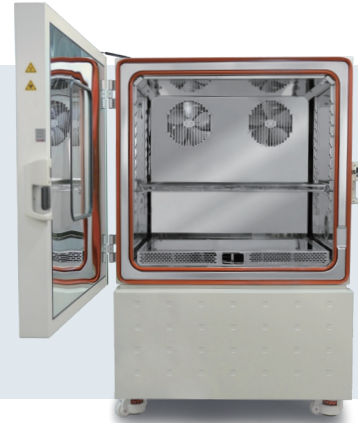


Global Partner for Environmental Test Chambers

www.weiss-na.com

Impressive Technology

The Endurance® Series from Weiss Technik: the Temperature & Humidity chamber that stands alone. Designed and engineered to give you lasting value, performance and reliability for all your testing applications. The intelligently engineered test space design allows for maximum airflow coverage and accurate gradients. Many popular sizes are available that allow you to choose the chamber that best fits your needs. The mobile design allows for greater flexibility.



Performance Features



Energy Savings

- Up to 30% in energy savings

Temperature Control

- +/- 0.5 Control over the entire +155°C to -45°C Range

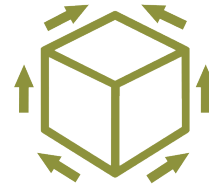


Quiet Operation

- Ideal for laboratory testing

Small Footprint

- Allows for small test lab operation



- Energy Efficient
- Ability to reach 98% rh @ 95°C
- Quiet Operation
- IN STOCK for quick shipment
- Mobile Design
- Built-In Water Reservoir
- Multi-Level High/Low Temperature Protection Feature
- Anti-Condensation Feature - Keep your product protected
- -70°C to 180°C and -40°C to 180°C
- ISO9001, A2LA and UL508A Certified
- Many Additional Options Available



SIMPAC Precise Adjustable Touchscreen Controller



Adjustable Heavy Duty Leveling Casters / Feet



Tight Seal Double Gasket



Intelligently Engineered Test Space Design for Accurate Airflow Gradients

Smart Programming

The Latest Technology in Controllers & Software

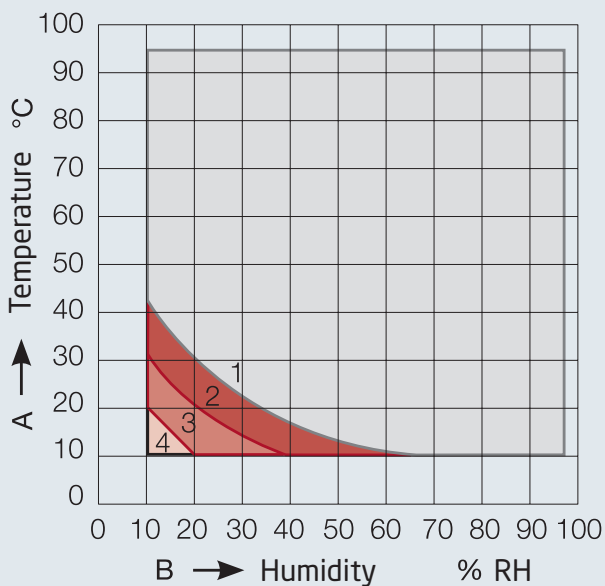


The Latest Technology

The SImpac control system is the latest technology in digital chamber control and programming. With the simple, easy to use touchscreen and menu-guided user interface, no programming knowledge is necessary. SImpac offers many features including USB and Ethernet interfaces, remote control and remote monitoring, networking with other test systems, and a 32-bit control and monitoring system to ensure accurate control of temperature and humidity.

Humidity Diagram

Get the most out of your testing.



- A Test space temperature in °C
- B Relative humidity in % RH
- 1 Standard humidity range
- 2 Range with intermittent operation - (dew point +4 °C to -3 °C)
- 3 Extended humidity range with optional accessory compressed air dryer, dew point down to -12 °C controlled
- 4 Extended humidity range with additional equipment compressed air dryer (optional accessory) and capacitive humidity measuring system (optional accessory), dew point down to approx. -20 °C controlled



Simulation Package for Test System Integration

SIMPATI System Control Software enables full chamber control and operation via remote access. The operation of test systems becomes easy and time-saving. The integrated monitoring feature enhances the reliability of your test systems. The simple user-friendly operation and menu-guided interface does not require user training. SIMPATI offers the user the ability to control up to 99 chambers at the same time.



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Global Partner for Environmental Test Chambers



Weiss Technik North America, Inc. Calibration Services are accredited by A2LA to ISO/IEC 17025



Weiss Technik North America, Inc. Quality System is registered to ISO9001:2015

Technical Data

3.0°C - 4.0°C/min										
Model		ENDH180/40	ENDH340/40	ENDH600/40	ENDH1000/40	ENDH1500/40	ENDH340/70	ENDH600/70	ENDH1000/70	ENDH1500/70
Test Space Volume	(Cu. ft/ Liters)	7 / 190	12 / 335	21 / 600	35 / 990	54 / 1540	12 / 335	21 / 600	35 / 990	54 / 1540
Test Space Dimensions	Width (W)	22.8" (580 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)
	Depth (D)	17.7" (450 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	58" (1475 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	58" (1475 mm)
	Height (H)	29.5" (750 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	37.4" (950 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	37.4" (950 mm)
External Dimensions	Width (W)	34.2" (870 mm)	34.2" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	34.2" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)
	Depth (D)	58" (1475 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.5" (1995 mm)	99.2" (2520 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.5" (1995 mm)	99.2" (2520 mm)
	Height (H)	70.3" (1785 mm)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	80.6" (2047 mm)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	80.6" (2047 mm)
Temperature Range	(°C/°F)	+180°C to -40°C (+356°F to -40°F)					+180°C to -70°C (+356°F to -94°F)			
Humidity Range	(%RH)	10% to 98%								
Temperature Change Rate Heating	°C/min	4.0	3.2	4.0	4.0	3.5	3.0	4.0	4.0	3.5
Temperature Change Rate Cooling	°C/min	3.5	3.5	3.0	3.0	2.5	2.7	2.5	2.5	2.3
Live Load Capacity	-20°C (W)	750	750	875	875	900	1500	2000	2500	2500
Refrigeration Type		Air-cooled								
Input Power	Volt,Phase, Hertz	230-3-60								

5°C/min							
Model		ENDT340/70/5	ENDT600/70/5	ENDT1000/70/5	ENDH340/70/5	ENDH600/70/5	ENDH1000/70/5
Test Space Volume	(Cu. ft/ Liters)	12 / 335	21 / 600	35 / 990	12 / 335	21 / 600	35 / 990
Test Space Dimensions	Width (W)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)
	Depth (D)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)
	Height (H)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)
External Dimensions	Width (W)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)
	Depth (D)	70.4" (1790 mm)	72.6" (1845 mm)	78.6" (1995 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.6" (1995 mm)
	Height (H)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)
Temperature Range	(°C/°F)	+180°C to -70°C (+356°F to -94°F)					
Humidity Range	(%RH)	NA				10% to 98%	
Temperature Change Rate Heating	°C/min	5					
Temperature Change Rate Cooling	°C/min	5					
Live Load Capacity	-20°C (W)	3000			5000		
Refrigeration Type		Water-cooled					
Input Power	Volt,Phase, Hertz	480-3-60					

10°C/min									
Model		ENDT270/70/10	ENDT480/70/10	ENDT800/70/10	ENDT1300/70/10	ENDH270/70/10	ENDH480/70/10	ENDH800/70/10	ENDH1300/70/10
Test Space Volume	(Cu. ft/ Liters)	10/270	17/480	29/815	48/1350	10/270	17/480	29/815	48/1350
Test Space Dimensions	Width (W)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)
	Depth (D)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)
	Height (H)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)
External Dimensions	Width (W)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)
	Depth (D)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2492 mm)	136.5" (3467 mm)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2492 mm)	136.5" (3467 mm)
	Height (H)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)
Temperature Range	(°C/°F)	+180°C to -70°C (+356°F to -94°F)							
Humidity Range	(%RH)	NA				10% to 98%			
Temperature Change Rate Heating	°C/min					10			
Temperature Change Rate Cooling	°C/min					10			
Live Load Capacity	-20°C (W)					8000			
Refrigeration Type						Water-cooled			
Input Power	Volt,Phase, Hertz					480-3-60			

15°C/min									
Model		ENDT270/70/15	ENDT480/70/15	ENDT800/70/15	ENDT1300/70/15	ENDH270/70/15	ENDH480/70/15	ENDH800/70/15	ENDH1300/70/15
Test Space Volume	(Cu. ft/ Liters)	10/270	17/480	29/815	46/1300	10/270	17/480	29/815	46/1300
Test Space Dimensions	Width (W)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)
	Depth (D)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)	24.2"(615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)
	Height (H)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)
External Dimensions	Width (W)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)
	Depth (D)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2942 mm)	136.5" (3467 mm)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2942 mm)	136.5" (3467 mm)
	Height (H)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)
Temperature Range	(°C/°F)	+180°C to -70°C (+356°F to -94°F)							
Humidity Range	(%RH)	NA				10% to 98%			
Temperature Change Rate Heating	°C/min	15							
Temperature Change Rate Cooling	°C/min	15							
Live Load Capacity	-20°C (W)	8000							
Refrigeration Type		Water-cooled							
Input Power	Volt,Phase, Hertz	480-3-60							

Notes:

- Temperature and humidity performance data are taken at the control sensor with an empty test space
- Exterior dimension includes touchscreen controller
- Average temperature change rates are measured at supply air in a +25° C ambient environment
- Additional options available - consult your local account manager
- Heating/cooling rates are evaluated according to IEC 60068-3-5
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