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We work in partnership to support companies in research, development, production and quality assurance. With 22 companies in 15 countries at 40 locations.

weisstechnik
Test it. Heat it. Cool it.



Environmental Simulation

The first choice for engineers and researchers for innovative, safe environmental simulation facilities. In fast motion, our test systems can simulate all the influences in the world as well as for instance in space. In temperature, climate, corrosion, dust or combined stress tests. With a very high degree of reproducibility and precision.



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Experienced engineers and designers develop, plan and produce high-quality, reliable heat technology systems for a broad range of applications from heating and drying cabinets to microwave systems and industrial furnaces.



Climate Technology, Air Dehumidification, Clean Rooms

As the leading provider of clean rooms, climate technology and air dehumidification, we consistently ensure optimal climatic conditions for people and machines. For industrial production processes, in hospitals, mobile operation tents or in the field of information and telecommunications technology. From project planning to implementation.



Clean Air and Containment Systems

With decades of experience and know-how, we guarantee the most sophisticated clean air and containment solutions. Our comprehensive and innovative range of products includes barrier systems, laminar flow systems, safety workbenches, isolators and airlocks.

Manufacturer:

Weiss-Voetsch Environmental Testing Instruments (Taicang) Co., Ltd.

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Global Simulator



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Temperature and Humidity Chambers - Standard

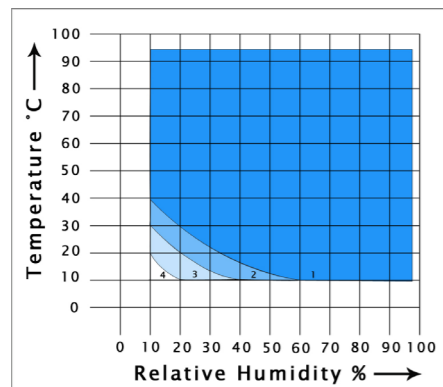
for Temperature and Humidity Reliability Testing

● Standard Chamber Features

- Observation Window with size of (W) 450mm X (H) 600mm
- Ethernet Interface
- 4 Potential-free digital I/O channels
- Solid state heater relays
- 2 Soft silicon plugs
- 1 year warranty period
- 2 Port holes of 50 mm and 125 mm diameter on the left and right hand side, respectively
- 1 Shelf
- Movable Design
- Adjustable specimen protection device with separate sensor (specimen protection according to EN 60519-2, 1993)
- Dehumidifier coil to prevent forming of condensation on test specimens
- SIMPAC equipped with a high performance CPU and threshold monitoring system
- Patented psychrometric humidity measurement system (C series)
- Water shortage indicator (C series)
- Special temperature conditioning system at climatic operation for best temperature and humidity constancies (C series)
- Touch panel with webseanson, 7" for 180L and 340L, 10" for ≥600L

● Options

- Additional potential-free digital and analog I/O channels
- Data logger
- Serial RS 232/485 interface
- Additional shelves
- Additional port holes of 50 mm, 80 mm, and 125 mm diameter
- Compressed air dryer
- Water bath cleaning device
- Nitrogen purging system
- Water-cooled refrigeration system
- Pair of hand holes with silicon gloves
- 85°C/85% r.h. long time testing
- Spare parts package
- Extend Warranty Period
- After-Sales Service Contract
- SIMPATI Software



HUMIDITY GRAPHS.

1. Standard range
2. Dewpoint range +4°C to -3°C discontinuously
3. Dewpoint extension from -3°C to -12°C controlled (option: compressed air dryer)
4. Dewpoint extension to -20°C controlled (options: compressed air dryer + capacitive system)

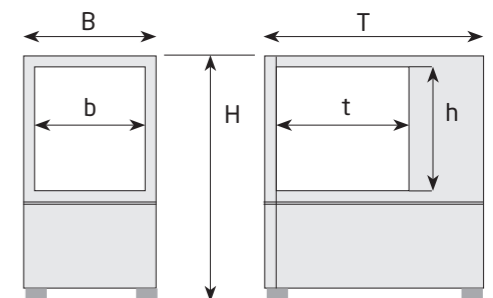
Technical Data

Model		T/C-180/40	T/C-340/40 T/C-340/70	T/C-600/40 T/C-600/70	T/C-1000/40 T/C-1000/70	T/C-1500/40 T/C-1500/70
Chamber Design						
Test Space Volume	Litres	190	335	600	990	1540
Test Space Dimensions	Height (h)	750	750	950	950	950
	Width (b)	580	580	800	1100	1100
	Depth (t)	450	765	800	950	1475
Chamber Dimensions	Height (H)	1785	1785	2060	2060	2060
	Width (B)	870	870	1090	1390	1390
	Depth (T)	1499	1814	1849	1999	2524
Test Parameter Temperature (T and C Series)						
Min. Temperature	°C	-40	-40 -70	-40 -70	-40 -70	-40 -70
Max. Temperature	°C	+180				
Temperature change rate heating (according to IEC 60068-3-5)	K/min	4.0	3.2 3.0	4.0 4.0	4.0 4.0	3.5 3.5
Temperature change rate cooling (according to IEC 60068-3-5)	K/min	3.5	3.5 2.7	3.0 2.5	3.0 2.5	2.5 2.3
Temperature Deviation in time	K	±0.1 to ±0.5				
Temperature Deviation in Space	K	±0.5 to ±2.0				
Max. Heat Compensation	W	2000	2000 1500	2500 2000	2500 2500	2500 2500
Calibrated Values	°C	+23 and +80				
Test Parameter Humidity (C Series only)						
Temperature Range	°C	+10 to +95				
Temperature Deviation in time	K	±0.1 to ±0.3				
Temperature Deviation in Space	K	±0.5 to ±1.0				
Humidity Range	% r.h.	10 to 98				
Dew Point Temperature Range	°C	-3 to +94				
Humidity Deviation in time	% r.h.	±1 to ±3				
Max. Heat Compensation (in the range of +25°C to +95°C at a relative humidity in the range up to 90%)	W	400				
Calibrated Values	°C/% r.h.	23/50 and 95/50				
Supplies and Connections						
Nominal Voltage	V	3/N/PE AC 400V ±10% 50Hz				
Max. Nominal Power	kW	4.79	4.79 6.6	8.2 10.9	11.5 15.6	11.5 15.6
Max. Nominal Current	A	12.3	12.3 14.8	15.7 21.7	22 29	22 29
Acoustic Pressure Level	dB(A)	58	58 60	66 66	66 70	66 70
Chamber Weight	kg	~425	~475 ~520	~610 ~675	~850 ~950	~990 ~1110
Condenser		air-cooled (water-cooled as option)				

Remarks:

- Temperature and humidity performance data is taken at the control sensor with an empty test space
- Temperature Deviation in time are measured after stabilization at set values
- Special voltages upon request
- Temperature changing rates are evaluated according to IEC 60068-3-5
- Test space dimensions in h*b*t in mm
- Chamber dimensions in H*B*T in mm (incl. touch panel)
- The performance values refer to +25°C ambient temperature, voltage 3/N/PE AC 380V 50Hz

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Stress Screening Systems - ESS

More Power for Maximum Quality Assurance

Basic equipment

- Highly efficient 32 bit control and monitoring system SIMPAC
- 7" touch panel with webseanson
- Potential-free contact for swiching-off of test specimens
- USB and Ethernet interface
- 4 digital outputs (max. 24 V-DC)
- 4 digital inputs (max. 24 V-DC)
- Adjustable software temperature limiter min./max.
- Safety device for test specimens with independent, adjustable temperature limiter t_{min}/t_{max}
- Entry ports made of stainless steel 1 x approx. 50 mm Ø, 1 x approx.125 mm Ø with slotted foam-silicone sealing plug and complete silicone sealing plug
- Door with large observation window and test space lighting
- 1 shelf made of stainless steel
- Refrigeration unit water-cooled
- Psychrometric humidity measurement, continuously wetted, self-cleaning
- Water supply tank for humidification water
- Connection for automatic water replenishment
- Mobile design (for 5K only)

Options

- Interface RS 232 and others on request
- Interface converter from RS 232 - IEEE 488/GPIB/ IEC625
- Additional digital I/O
- Analogue transducer card I/O (4 Pt100 inputs and 5 outputs)
- Temperature measurement on the test specimen
- Adjustable circulating air quantity (adjustable fan speed)
- Equipment for purging the test space with GN2 / Compressed air connection
- Pair of hand holes with silicon gloves (above 600l)
- Compressed air dryer
- Additional sensors
- Additional entry ports approx. 50 and 125 mm Ø
- Additional shelves
- Air-cooled refrigeration unit, external
- Special voltages
- Extension for special test specifications
- Independent sensor for temperature and humidity measurement
- Humidity control via capacitive humidity measuring system
- Deep dehumidification for negative dew points
- Demineralization unit
- Software SIMPATI

Further options/special accessories, tailor-made for your special requirements, on request.



Technical Data

Model		C7-340/5	C7-600/5	C7-1000/5	C7-270/10	C7-480/10	C7-800/10	C7-1300/10	C7-270/15	C7-480/15	C7-800/15	C7-1300/15	C7-270/20	C7-480/20	C7-800/20	C7-1300/20
Chamber Design																
Test Space Volume	Litres	335	600	990	270	490	815	1350	270	490	815	1350	270	490	815	1350
Test Space Dimensions	Height (h)	750	950	950	750	950	925	925	750	950	925	925	750	950	925	925
	Width (b)	580	800	1100	580	800	1100	1100	580	800	1100	1100	580	800	1100	1100
	Depth (t)	765	800	950	615	650	800	1325	615	650	800	1325	615	650	800	1325
Chamber Dimensions	Height (H)	1796	2048	2048	1935	2135	2130	2130	1935	2135	2130	2130	1935	2135	2130	2130
	Width (B)	870	1090	1390	870	1090	1390	1390	870	1090	1390	1390	870	1090	1390	1390
	Depth (T)	1814	1849	1999	2699	2734	2884	3409	2699	2734	2884	3409	2699	2734	3284	3809
Test Parameter Temperature (T and C Series)																
Min. Temperature	°C	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
Max. Temperature	°C	+180														
Temperature change rate heating	K/min	5	5	5	10	10	10	10	14	15	15	15	20	20	20	20
<small>(according to IEC 60068-3-5)</small>																
Temperature change rate cooling	K/min	5	5	5	10	10	10	10	15	15	15	14	20	20	20	20
<small>(according to IEC 60068-3-5)</small>																
Temperature Deviation in time	K	±0.1 to ±0.5														
Temperature Deviation in Space	K	±0.5 to ±2.0														
Max. Heat Compensation	W	3000	5000	5000	6000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
Calibrated Values	°C	+23 and +80														
Test Parameter Humidity (C Series only)																
Temperature Range	°C	+10 to +95														
Temperature Deviation in time	K	±0.1 to ±0.3														
Temperature Deviation in Space	K	±0.5 to ±1.0														
Humidity Range	% r.h.	10 to 98														
Dew Point Temperature Range	°C	-3 to +94														
Humidity Deviation in time	% r.h.	±1 to ±3														
Max. Heat Compensation	W	400	500	500	400	400	500	500	400	400	500	500	400	500	500	500
<small>(in the range of +25°C to +95°C at a relative humidity in the range up to 90%)</small>																
Calibrated Values	°C/% r.h.	+23/50 and +95/50														
Supplies and Connections																
Nominal Voltage	V	3/N/PE AC 400V ±10% 50Hz														
Max. Nominal Power	kW	9	17	26	20.2	21	38	38	20.2	30.1	49	49	24	33	58	58
Max. Nominal Current	A	19	29	45	36	38	68	68	36	49	81	81	42	55	96	96
Acoustic Pressure Level	dB(A)	68	70	72	71	75	75	75	71	75	75	75	72	75	78	78
Chamber Weight	kg	~520	~675	~950	~835	~1250	~1600	~1850	~835	~1350	~1700	~1950	~890	~1370	~1820	~2070
Condenser		water-cooled														
Consumtion at full load	m³/h	1.6	3.2	5.8	5.2	5.2	9.4	9.4	5.2	7.8	12.1	12.1	6.7	9.4	15.5	12.1

Remarks:

- Temperature and humidity performance data is taken at the control sensor with an empty test space
- Temperature Deviation in time are measured after stabilization at set values
- Special voltages upon request
- Temperature changeing rates are evaluated according to IEC 60068-3-5
- Test space dimensions in h*b*t in mm
- Chamber dimensions in H*B*T in mm (incl. touch panel)
- The performance values refer to +25°C ambient temperature, voltage 3/N/PE AC 380V 50Hz

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Temperature and Humidity Chambers - E Series

Economical and Applicable

Standard Chamber Features

- Observation Window with size of (W) 300mm X (H) 400mm
- Solid state heater relays
- Ethernet Interface
- 1 year warranty period
- 2 Port holes of 50 mm and 125 mm diameter on the left and right hand side, respectively
- 2 soft silicon plugs
- 1 insert Shelf
- Adjustable specimen protection device with separate sensor (specimen protection according to EN 60519-2, 1993)
- Dehumidifier coil to prevent forming of condensation on test specimens
- SIMPAC equipped with a high performance CPU and threshold monitoring system
- Patented psychrometric humidity measurement system (C series)
- Water shortage indicator (C series)
- Special temperature conditioning system at climatic operation for best temperature and humidity constancies (C series)
- SIMPATI light version
- 7" touch panel with webseanson

Options

- Additional potential-free digital and analog I/O channels
- Data logger
- Serial RS 232/485 interface
- 4 Potential-free digital I/O channels
- Additional shelves
- Additional port holes of 50 mm, and 125 mm diameter
- Movable Design
- Compressed air dryer
- Water bath cleaning device
- Nitrogen purging system
- Water-cooled refrigeration system
- Pair of hand holes with silicon gloves
- 85°C/85% r.h. long time testing
- Spare parts package
- After-Sales Service Contract



Technical Data

Model		T/C 4-180	T/C 4-340 T/C 7-340	T/C 4-600 T/C 7-600	T/C 4-1000 T/C 7-1000	T/C 4-1500 T/C 7-1500					
Chamber Design											
Test Space Volume	Litres	190	335	600	990	1540					
Test Space Dimensions	Height (h)	750	750	950	950	950					
	Width (b)	580	580	800	1100	1100					
	Depth (t)	450	765	800	950	1475					
Chamber Dimensions	Height (H)	1769	1769	1992	1992	1992					
	Width (B)	870	870	1090	1390	1390					
	Depth (T)	1499	1814	1849	1999	2524					
Test Parameter Temperature (T and C Series)											
Min. Temperature	°C	-40	-40	-70	-40	-70	-40	-70	-40	-70	
Max. Temperature	°C	+150									
Temperature change rate heating (according to IEC 60068-3-5)	K/min	4.0	3.2	3.0	4.0	4.0	4.0	4.0	3.5	3.5	
Temperature change rate cooling (according to IEC 60068-3-5)	K/min	3.5	3.5	2.7	3.0	2.0	3.0	2.0	2.0	1.5	
Temperature Deviation in time	K	±0.1 to ±0.5									
Temperature Deviation in Space	K	±0.5 to ±2.0									
Max. Heat Compensation	W	1700	1700	1200	2000	1600	2000	2000	2000	2000	
Calibrated Values	°C	+23 and +80									
Test Parameter Humidity (C Series only)											
Temperature Range	°C	+15 to +95									
Temperature Deviation in time	K	±0.1 to ±0.5									
Temperature Deviation in Space	K	±0.5 to ±2.0									
Humidity Range	% r.h.	15 to 98									
Dew Point Temperature Range	°C	-3 to +94									
Humidity Deviation in time	% r.h.	±1 to ±3									
Max. Heat Compensation (in the range of +25°C to +95°C at a relative humidity in the range up to 90%)	W	300				400					
Calibrated Values	°C/% r.h.	23/50 and 95/50									
Supplies and Connections											
Nominal Voltage	V	3/N/PE AC 400V ±10% 50Hz									
Max. Nominal Power	kW	3.5	3.5	4.4	7.8	9.1	11.5	13.8	11.5	13.8	
Max. Nominal Current	A	12	12	13	15	19	22	29	22	29	
Acoustic Pressure Level	dB(A)	58	58	60	66	66	66	70	66	70	
Chamber Weight	kg	~425	~475	~520	~610	~675	~850	~950	~990	~1110	
Condenser		air-cooled (water-cooled as option)									

Remarks:

- Temperature and humidity performance data is taken at the control sensor with an empty test space
- Temperature Deviation in time are measured after stabilization at set values
- Special voltages upon request
- Temperature changeing rates are evaluated according to IEC 60068-3-5
- Test space dimensions in h*b*t in mm
- Chamber dimensions in H*B*T in mm (incl. touch panel)
- The performance values refer to +25°C ambient temperature, voltage 3/N/PE AC 380V 50Hz

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Walk-in Temperature and Climate Test Chambers

CVT/CVC Walk-in Chambers: Space for Large Test Objects

Advantages

- German Engineering, Manufactured in China
- Ergonomic design for optimal loading of big test specimens
- Cost-efficient proven design of standardized modular construction
- Low costs for operation and maintenance
- Core components are imported from Germany
- Environmental-friendly materials and refrigerants
- SIMPATI software developed by German HQ allows the monitoring of up to 99 test chambers
- Wide humidity range



Technical Data of Sample Models

Models		C8/40-80	C12/40-80	C17/40-80	C22/40-80	C28/40-80					
Chamber Design											
Volume	m ³	8	12	17	22	28					
Test space dimensions	Height	2,000	2,000	2,250	2,250	2,250					
	Width	2,000	2,000	2,500	2,500	2,500					
	Depth	2,056	3,040	3,032	4,016	5,000					
External dimensions (including machine unit and base frame)	Height	2,700	2,700	2,940	2,940	2,940					
	Width	2,750	2,750	3,200	3,200	3,200					
	Depth	3,850	4,820	4,810	5,810	6,800					
Floor load	kg/m ²	1,000									
Wheel load	kg/4 cm ²	100									
Test Parameters (without load)											
Temperature	°C	-40 to +80									
Humidity	% r.h.	15 to 95 (at +10 to +60 °C)									
Dew point	°C	+4 to +59									
Cooling-down Heating-up Rates (according IEC 60068-3-5)											
M1	K/min	4.5	4.5	3.0	3.0	2.2	2.2	1.7	1.8	1.3	1.5
M2	K/min	5.5	5.5	4.0	4.5	3.0	3.8	2.1	3.0	1.7	2.4

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SIMPATI® Software

Ready for Industry 4.0

Make the most of your potential - with software from weissttechnik®.

Production and quality assurance have finally entered the digital age with Industry 4.0. weissttechnik® saw this trend coming a number of years ago and offers a wide range of software solutions to its customers - for greater convenience, better user-friendliness and complete traceability.

The SIMPATI® software package was developed specially for use in simulation systems and drying and heating cabinets and furnaces. SIMPATI® can be used to network systems and to document and evaluate processes in a convenient manner. Operating the devices thus becomes child's play! In addition, optional SIMPATI® modules facilitate remote control and monitoring, automatic classification of processes and parallel documentation of data and images.

SIMPATI® in companies

Greater networking. Greater safety. Greater speed.

Network all your testing devices (even if they were not supplied by us) using our SIMPATI® control software and benefit from the advantages in terms of operation.

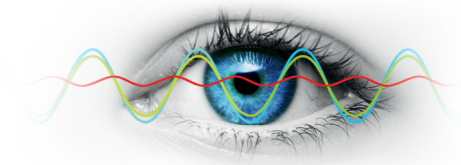
With SIMPATI® you can:

- Network up to 99 devices to one another
- Make optimal use of your test devices
- Operate all your test equipment in an almost identical manner
- Obtain email notification of faults
- Use communication interfaces with other systems

SIMPATI-Web

SIMPATI® offers ideal documentation at your workplace if used in combination with the SIMPATI-Web® option.

- Control of process data at any time and place
- Mobile access when travelling
- Access through the local company network
- Multi-user operation by a number of users
- Protective mechanisms prevent multiple users entering differing programmes
- Multi-device (min. 10 inch) and multi-touch
- Webcam streaming, live monitoring of the testing process
- LiveGraph function, display test results in real time



The innovative WEBSeason® user interface allows you to program, control and monitor your tests at any time and anywhere. In this way, WEBSeason® provides a new dimension of flexibility and efficiency.

- Modern and dynamic design with gesture control for intuitive operation
- The multi-user concept allows several users to have access at the same time, user rights are individually allocated
- Easy programming of test procedures and loops
- Program preview presented as a chart
- Global access, even from tablets and smartphones
- 10 languages and 2 units for temperature and pressure can be set to suit the user and the settings can be saved

Larger components requiring wider test space

Today, many industries are demanding higher quality from components such as automotive dashboards, bumpers, sunroofs, and interior parts that are not only required to withstand a variety of complex climatic conditions, but also to operate perfectly under harsh environmental conditions. The chamber has an extra wide internal test space and can be subjected to alternating temperature and humidity tests according to your requirements.

Specially designed for large volume specimens.



Duplex Screen

- Common sizes: 1100mm*100mm*200mm
- Mounting fixture not included



Triplex Screen

- Common sizes: 1400mm*100mm*200mm
- Mounting fixture not included



Car Tail Light

- Common sizes: 1600mm*200mm*200mm

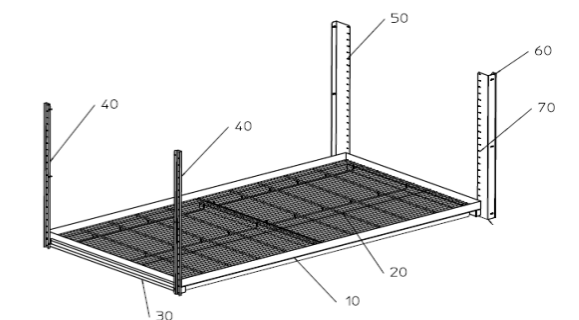
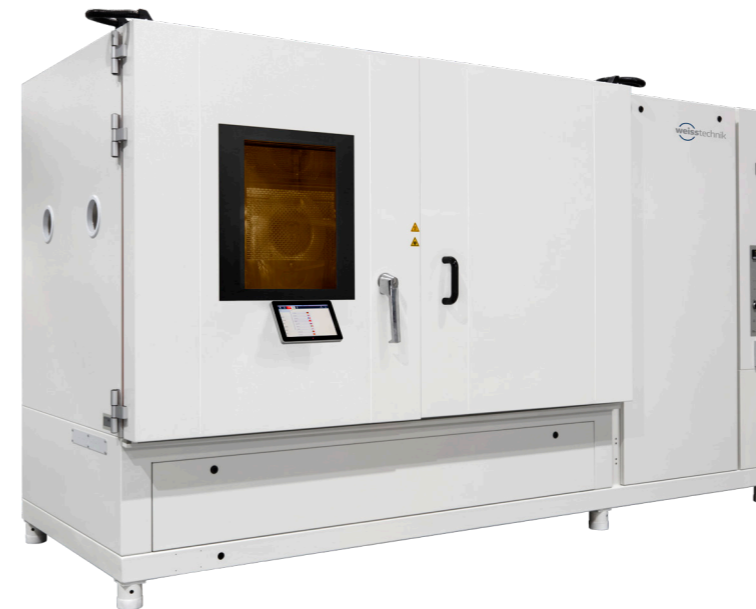
Reliable Tests	Test standards to be fulfilled
Temperature and humidity test	IEC60068-2-38
	IEC60068-2-30
	GMW3172 HHC
Fast temperature change test	GMW3172 PTC



Climatic Test Chamber WIDE 15K - weisstech WIDE C/2500/70/15

Advantages:

- 15K/min, Meet fast temperature change requirements GMW3172 PTC
- Double doors and customized sample holders for easy placement of test samples
- Large window to observe the sample testing status at any time



	WIDE	C/2700/70/2	C/2700/40/4	C/2700/70/4	C/2500/70/15
Test space volume		2700 L	2700 L	2700 L	2484L
Heating rate		2 K/min	4 K/min	4 K/min	15 K/min
Cooling rate		2 K/min	4 K/min	4 K/min	15 K/min
Temperature range		-70 °C ~ +180 °C	-40 °C ~ +180 °C	-70 °C ~ +180 °C	-70°C ~ +180°C
Temperature range (Climatic Mode)		+10 °C ~ +90 °C	+10 °C ~ +90 °C	+10 °C ~ +90 °C	+10°C ~ +90°C
Humidity range		10% r.H ~ 98% r.H	10% r.H ~ 98% r.H	10% r.H ~ 98% r.H	10% r.H ~ 98% r.H

Note: The above C/2500/70/15 technical specifications are theoretical values and we reserve the right to update without prior notice.

Solar Simulation Test Chamber - SOLAR

Direct sunlight, heat, cold or humidity - many things in everyday life, large and small, are affected by different environments. They can have an impact on the life and performance of products. They can cause color fading and accelerated aging in many products. For many products, lightfastness testing, combined with testing for other environmental factors, is essential.

The Weiss Technik SunEvent Solar Simulation Test Chamber helps you to simulate the solar effects of sunlight, temperature and humidity on the properties and service life of your products. Thanks to the sophisticated construction and high quality workmanship, the test devices have excellent temperature and humidity consistency and in this way, they guarantee correct and reliable results.

Advantages at a glance:

- Irradiation unit with high degree of irradiation homogeneity (made in Germany)
- German original imported high light transmission filter glass
- Perfect, environmentally-friendly insulation of the test room
- Optimised air circulation and therefore best temperature distribution
- Light, temperature and humidity are operated in the same interface, and the test results are displayed in the same curve

**Irradiation uniformity
Up to ±5%!**



Technical Description-PERFORMANCE DATA FOR IRRADIATION

		SOLAR S/600	SOLAR S/1000	SOLAR S/3600
Irradiation intensity	W/m ²	600 to 1100	600 to 1100	800 to 1100
Photometric calibration	W/m ²	1000	1000	1000
Uniformity	%	±8 (standard) ±5 (option)	±8 (standard) ±5 (option)	±8 (standard) ±5 (option)
Spectral irradiation distribution	nm	280 to 3000	280 to 3000	280 to 3000

PERFORMANCE DATA FOR TEMPERATURE TESTS WITHOUT IRRADIATION

PERFORMANCE DATA FOR TEMPERATURE TESTS WITHOUT IRRADIATION		SOLAR S/600	SOLAR S/1000	SOLAR S/3600
Maximum temperature	°C	+100	+100	+100
Minimum temperature	°C	-30	-30	-30
Temperature deviation, in time	K	±0.1 to ±0.5	±0.1 to ±0.5	±0.3 to ±1.0
Temperature homogeneity, in space	K	±0.5 to ±1.5	±0.5 to ±1.5	±0.5 to ±2.0
Heat compensation, max.	W	2500	4000	5000
Factory calibration values	°C	-25 and +80	-25 and +80	25,+23 and +80

PERFORMANCE DATA FOR CLIMATE TESTS WITHOUT IRRADIATION		SOLAR S/600	SOLAR S/1000	SOLAR S/3600
Maximum temperature	°C	+90	+90	+90
Minimum temperature	°C	+10	+10	+10
Temperature deviation, in time	K	±0.1 to ±0.3	±0.1 to ±0.3	±0.1 to ±0.5
Temperature homogeneity, in space	K	±0.5 to ±1.0	±0.5 to ±1.0	±1.0 to ±1.5
Dew point temperature range	°C	+5 to +87	+5 to +87	+5 to +59 +87 Insulated cover (option) upon request
Humidity range	% RH	10 to 90	10 to 90	10 to 90
Humidity deviation, in time	% RH	±1 to ±3	±1 to ±3	±3 to ±5
Heat compensation, max.	W	500	500	500

PERFORMANCE DATA FOR TEMPERATURE TESTS WITH IRRADIATION

PERFORMANCE DATA FOR TEMPERATURE TESTS WITH IRRADIATION		SOLAR S/600	SOLAR S/1000	SOLAR S/3600
Maximum temperature	°C	+100	+100	+100
Minimum temperature	°C	-20	-20	-15
Temperature deviation, in time	K	±0.3 to ±1.0	±0.3 to ±1.0	±0.3 to ±1.0
Heat compensation, max.	W	2000	3000	On request

PERFORMANCE DATA FOR CLIMATE TESTS WITH IRRADIATION		SOLAR S/600	SOLAR S/1000	SOLAR S/3600
Maximum temperature	°C	+80	+80	+80
Minimum temperature	°C	+15	+15	+15
Temperature deviation, in time	K	±0.1 to ±0.5	±0.1 to ±0.5	±0.3 to ±1.0
Dew point temperature range	°C	+5 to +74	+5 to +74	+5 to +74
Humidity range	% RH	10 to 80	10 to 80	10 to 80
Humidity deviation, in time	% RH	±3 to ±5	±3 to ±5	±3 to ±5

*Can meet the standards: DIN 75220, PR 306.5, MIL-STD-810G, IEC 61215, IEC EN 60068, IEC 61646
Note: The above SOLAR S/3600 technical specifications are theoretical values and we reserve the right to update without prior notice.