

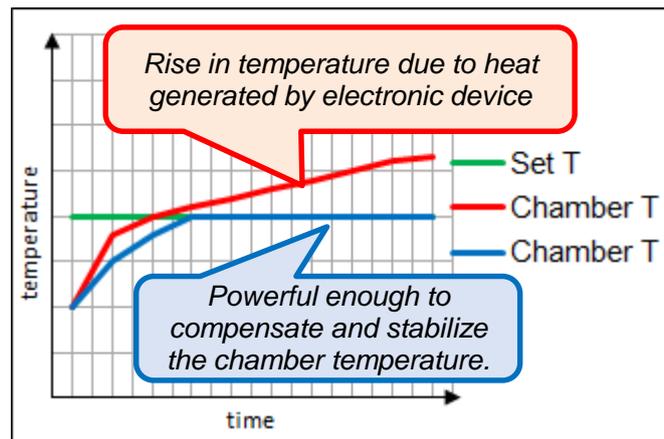
HTOL / LTOT Chambers For Electronic device

Environmental test chambers for high-heat load applications

Radio frequency compatible electronic devices (passive elements, SAW, LCR, RF amplifiers, etc.) are used in base stations and servers for 5th generation mobile communication systems (5G). Since heat load is generated due to an increase in the amount of information processing and a high density of mounting, it is necessary to evaluate the reliability and temperature characteristics of the device itself. This is to introduce a constant temperature chambers that enables evaluation in a stable temperature environment

Features

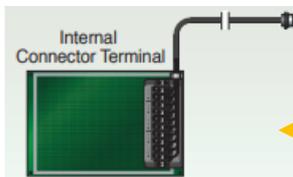
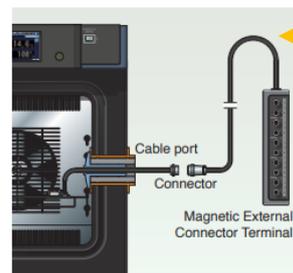
- **Providing a stable test environment against heat generation of the device**



- **Easy to link with measuring equipment**



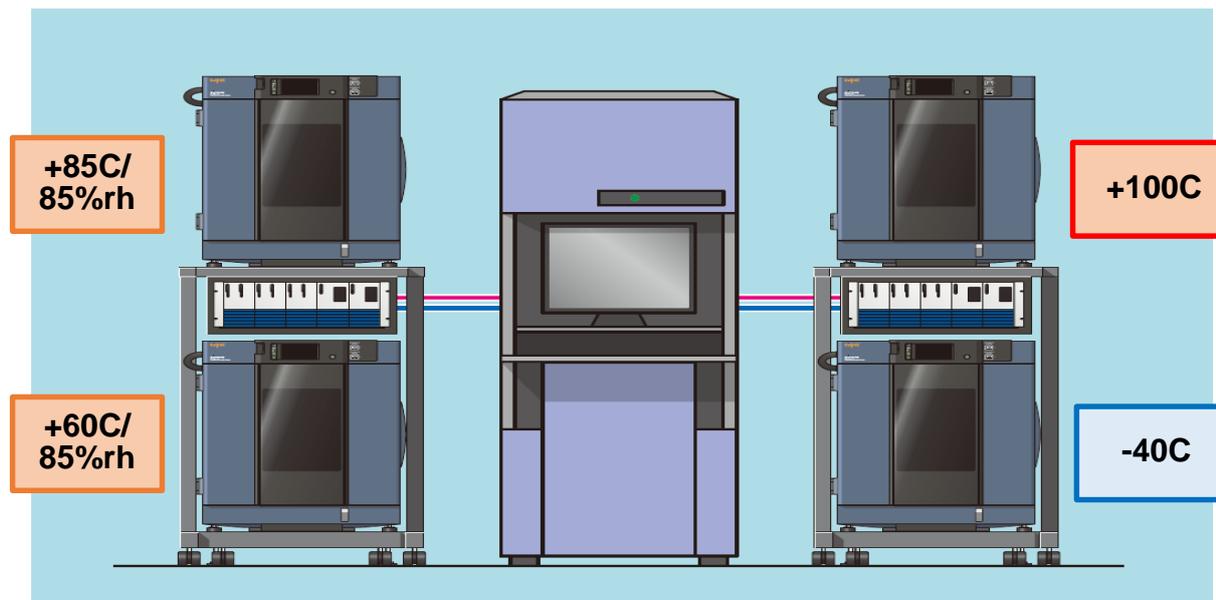
The chamber comes with I/O terminal as a standard, which allows the chamber to work in synchronization with external measuring instrumentation such as a multimeter.



The easier connection between a device under test (DUT) and external peripheral requires less time for a test preparation.

Features

- **Can be tested under various conditions at the same time**



Ex) Connection between Bench-top and measuring instrument (AMI)

Lineup list

- **Space saving, many chambers can be installed in a limited space (Bench-top)**

Model	Temperature Range (C)	Inner Dimensions WHD (mm)	Capacity (L)	Allowable Heat Load (W)		
				at -40C	at +100C	at 85C/85%rh
SH-242-5	-40 to +150	300×300×250	22.5	60W	210W	60W
SH-642		400×400×400	64	180W	280W	60W
SH-662	-60 to +150	400×400×400	64	180W	280W	60W

- **Can be perform tests with a larger heat load (Reach-in)**

Model	Temperature Range (C)	Inner Dimensions WHD (mm)	Capacity (L)	Allowable Heat Load (W)		
				at -40C	at +100C	at 85C/85%rh
PL-1J	-40 to +150	500×600×400	120	158W	1,182W	261W
PL-2J	-40 to +150	700×800×400	225	170W	2,214W	216W
PSL-2J	-40 to +150	600×850×600	306	1,134W	2,361W	265W
ARS-0220	-75 to +180	700×800×400	220	1,128W	3,435W	350W
ARSF-0250-15	-75 to +180	600×830×500	250	4,970W	8,500W	537W
ARS-0390	-75 to +180	700×800×700	390	1,129W	4,217W	300W
ARSF-0400-15	-75 to +180	600×830×800	400	4,840W	8,500W	576W

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