



## Thermal Shock Test Chambers

Global Leading Integrated Solution Provider for Environmental and Climatic Simulation Test

### Features

- Fashionable design of modular construction.
- Long defrosting cycles: over 700h's running before defrosting.
- Breakthrough-tech design: alternating time between high/low temperature <10 sec.
- 7" colour touch screen display and 32 bit control system; interface Ethernet/USB.
- Customer-friendly software functions: intelligent power-recovery restoration, autoconnect on memory and auto-reset restart.
- Intelligent and independent protection design for overload, overheat, power-supply abnormality, overvoltage, component malfunction monitoring.
- Optional APP mobility management.
- Design with independent sensors to prevent specimens from damages caused by dewing, overheat, breezeless and smog.
- Intelligent and high-efficiency servo refrigerating control technology: energy saving and rapid heating/cooling rate.
- Unique operation mode: make testing area's temperature back to room temperature after tests are finished.
- Automatic reminder of equipment maintenance plans and software of recording malfunction.
- Optional remote-assist service function and teaching CDs.

### Specifications

Model	ETS450S2 ETS550S2	ETS4100S2 ETS5100S2
Test Space Volume (L)	850	100
Test Zones	2	2
Hot Chamber Temp. Range(℃)	+50/+200	+50/+200
Cold Chamber Temp. Range(℃)	-80/+70	-80/+70
Temp. Constancy (℃ )	±0.3-±1.0	±0.3-±1.0
Temp. Homogeneity (℃ )	±0.5-±2.0	±0.5-±2.0
Change Time (sec )	<10 (on Air Outlet)	<10 (on Air Outlet)
Recovery Time (min )	<1 (on Air Outlet)	<2 (on Air Outlet)
Test Space Dimension (mm)	400W×400D×310H	500W×500D×400H
External Dimension (mm)	900W×2300D×2160H	1000W×2400D×2250H
	-20/+100	
Stress Change Temp. Range (℃)	-40/+150 -55/+150	-40/+150 -55/+150
Max. Specimens Weight (kg)	15	30
Cooling Methods	Water-Cooled ( Compliant with IEC 60068-3-5)	
Power	AC380V±10%, 50HZ, 3/N/PE	
Compliant with International Standards:		
GB/T2423.22	Test Na	JESD22-A101-A
MIL STD 202F(method 107G)	BS 2011	
IEC 60 068-2-14	DIN 40046 (Test Na)	

### Options

- Independent sensors for specimen protection ( NE60519-2.1993)
- 1 Entry port Φ50mm
- Nitrogen gas auxiliary device
- Spare parts package
- E-management and cyber-software
- APP for mobility management

### Standard Version

- 2 Stainless steel shelves