



## Temperature Shock Test Chambers - 3 Zones

Global Leading Integrated Solution Provider for  
Environmental and Climatic Simulation Test

### Features

- Fashionable design of modular construction.
- Customer-friendly design: observation window with a reality visualization. (Patented)
- 7" colour touch screen display and 32 bit control system; interface Ethernet/USB.
- 4 load power outlets for specimens with programmable control for protection.
- Specialized design of air circulation system inside ensures testing accuracy. (Patented)
- Design with independent sensors to prevent specimens from damages caused by dewing, overheat, breezeless and smog.
- Long defrosting cycles: over 700h's running before defrosting.
- Optional network video monitoring and data synchronization.
- Optional APP mobility management.
- Environment-friendly 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	ET4100S3 ET5100S3 ET6100S3	ET4200S3 ET5200S3 ET6200S3	ET4300S3 ET5300S3 ET6300S3
Test Space Volume (L)	100	200	300
Test Zones	3	3	3
Hot Chamber Temp. Range(°C)	+50/+200	+50/+200	+50/+200
Test Chamber Temp. Range (°C)	R.T	R.T	R.T
Cold Chamber Temp. Range(°C)	-70/+70	-75/+70	-75/+70
Temp. Constancy (°C )	±0.3-±1.0	±0.3-±1.0	±0.3-±1.0
Temp. Homogeneity (°C )	±0.5-±2.0	±0.5-±2.0	±1.0-±2.0
Recovery Time (min)	< 5 (on Air Outlet)	< 5 (on Air Outlet)	< 5( on Air Outlet)
Test Space Dimension (mm)	500W×575D×350H	650W×585D×450H	700W×710D×600H
External Dimension (mm)	500W×575D×350H	500W×575D×350H	500W×575D×350H
Testing Temperature Range (°C)	-55/+150	-55/+150	-55/+150
	-55/+150	-55/+150	-55/+150
	-65/+150	-65/+150	-65/+150
Max. Specimens Weight (kg)	20	50	50
Cooling Methods	Water-Cooled ( Compliant with IEC 60068-3-5)		
Power	AC380V±10%, 50HZ, 3/N/PE		
Compliant with International Standards:			
GJB 150.5-1986	IEC 60068—2—14,	EIAJ ED—2531A	
MIL—STD—883H	JIS C 60068—2—14,		
MIL—STD—202G	JASO D 014—4,		

### Options

- Independent sensors for specimen protection(NE60519-2.1993)
- 1 Entry port Φ100mm
- Nitrogen gas auxiliary device
- Spare parts package
- E-management and cyber-software
- Video monitor system
- APP for mobility management

### Standard Version

- 3 Power outlets for specimens
- Left and right entry ports Φ50mm
- 2 Silicon stoppers for entry ports
- 2 Stainless steel shelves
- Drier filter for compressing air