



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

Envsin reserves the interpretation right to the products, which are subject to changing without notice!

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