

HAST chamber ▶▶

ETSP-HAST series

ETSP-HAST series are "Highly Accelerated Temperature/Humidity Stress Test". It was developed as a shorter alternative to Temperature Humidity Bias (THB) testing. If THB testing takes 1000 hours to complete, HAST results are available within 96~100 hours.

HAST accelerates corrosion, particularly that of the die metal lines and thin film resistors. HAST requires preconditioning and is conducted with electrical bias at 130 °C and 85%RH for 96~100 hours.

ETSP-HAST series are manufactured according to the Total Quality procedures, in compliance with the ISO 9001 standard.



ETSP-HAST series

General Features

- Unsaturated or saturated humidity control
- Programmable touch screen LCD controller with temperature and humidity stores up to 120 patterns Max. 1,200 segments
- 12 specimen power terminals to supply power to specimens
- Automatic fill of the humidity water
- Electric clamping door with sliding tray.
- Door lock safety mechanism to prevent opening of the door while the door is pressurized
- Specimen power control terminal: shuts down the product power in the event of an alarm single "master" control unit allowing centralized
- Friendly, flexible, up-to date control and management systems.
- Allows easy servicing and upgrades.

Technical Features

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| • Temperature range 100 ~ 155°C | • Temperature accuracy Less than $\pm 0.1^\circ\text{C}$ |
| • Heating-up rate RT to 140°C within 60 minute | • Temperature uniformity Less than $\pm 1.0^\circ\text{C}$ |
| • Humidity range 65%RH ~ 100% RH | • Humidity accuracy Less than $\pm 1\%$ |
| • Humidity uniformity $\pm 3\%$ RH | • Pressure range 0.2~2.1kg/cm ² G |
| • Input Power Requirements 230V $\pm 10\%$, 380V $\pm 10\%$, 50Hz/60Hz, 1PH/3PH | |

(Changeable according to customer specification)