



ZETATEK®

Thermal Platform (Hot & Cold Thermal Stage)



ZETATEK® is a pioneer in the field of Environmental Test Equipments in India and has more than 20 years of experience in Technology Development of these products. ZETATEK® not only offers high quality and reliable products to meet the needs of Defence, Space, Aerospace, Nuclear, Automobile, Pharmaceutical, Electrical/Electronics and other private sectors, but is also a technology leader in developing custom built test equipments.

ZETATEK® offers a wide range of Environmental Test Equipments covering Hot Air Oven, Hot & Cold (Temperature) Test Chambers, Climatic (Temperature & Humidity) Test Chambers, Temperature & Altitude Chambers, Combined Altitude, Temperature & Humidity (CATH) Test Chambers, Thermal Shock Chambers, Thermo Mechanical Chambers with Hydraulic System, Rain Test Chambers, Walk-in Chambers, Centrifuges and Vibration Test Systems up to 20 Ton capacity to meet customer needs.

ZETATEK® also manufactures Test Chambers to suit explosion proof environment and Chambers interfaced with Vibration Test Systems, Motion Simulators, Material Testing Machines and Automobile Test Rigs and related products.

ZETATEK® Chambers confirm to IEC 60068-3-5/MIL-810/JSS55555 standards.

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007
Cert No. CI/12052



Thermal Platform (Hot & Cold Thermal Stage)

SPECIFICATIONS

Test Space dimension	mm ²	300 to 500
Temperature range (High)	°C	100, 125, 180
Temperature range (Low)	°C	-20, -30, -40
Rate of Cooling & Heating (Average)	°C/min	1, 2, 3, 4, 5
Temperature Accuracy	°C	+/- 1
Platform Material		Thick Plate of aluminium with surface finish
Platform height	mm	750 approx above the floor
Cooling System		Air or Water cooled mechanical refrigeration
Heating System		Inconel rod heaters
Control System		Microprocessor based Set Point / Programmable Controller

FEATURES

- User friendly operation
- Rugged Construction
- Ozone friendly Refrigerant gas (HFC)
- Adjustable high temp. cut off
- Sealed / Semi sealed Compressors
- Cold Rolled Mild Steel (CRMS) exterior

OPTIONAL

- Rapid / Stand-by cooling with LN₂ purging
- PC interface software with RS-232/RS-485/RS-422 interface port
- Customized sizes of chambers
- SS Exterior
- Digital display for temp. limiting min/max
- Recorder

Specifications are subject to change without prior notice in view of the continuous quality improvement.

ZETATEK INDUSTRIES LIMITED

ISO 9001:2008 • ISO 14001:2004 • OHSAS 18001:2007 • Cert No. CI/12052

Plot # 31, Technocrats Industrial Estate, Balanagar, Hyderabad 500 037, INDIA.

Phone: +91 40 2372 1000; Fax: +91 40 2372 0305

Email: info@zetatekindia.com or sales@zetatekindia.com; Website: www.zetatekindia.com