

Product Name :
Environmental Test Chamber

Product Code :
ALABS-A63-011



Description :

Environmental Test Chamber

1. Accurate Control of Test Parameters
2. Reliable Performance
3. Corrosion Resistant interior and Exterior
4. CFC Free operation
5. Energy Efficient
6. Aesthetically Designed
7. Easy to use

8. Light Weight

9. Robust Construction

10. Easy Integration with Vibration Shaker Systems

Environment Equipments environmental chambers are used to simulate the desired environment such as Cold, Heat, Humidity, altitude, thermal shock, solar radiation, salt spray, rain spray, dust & sand etc. as per the customer's requirement. These chambers are available in different ranges of parameters and capacities as per specific testing requirements of the Customer. These chambers can be integrated with Vibration shaker systems as well to perform combined environmental Vibration tests. A walk-in variant is also available for products that require very large capacity & size such as complete automobile, bikes, missiles, telecom industry, electronics test laboratory and etc. The Chambers feature various safety interlocks that are necessary to provide a safe environment of operation. We are incorporating the best engineering practices to develop a Chamber that is capable of performing all types of versatile testing as per international standards for a long life of reliable performance. The design is very good and simple from maintenance point of view. The Chamber Controller is very user friendly and as per the requirement of the customer it can be upgraded to a latest touch screen panel type as well. The controller is capable of remote operation and monitoring as well. It can easily be integrated with any computer to download / upload test profile or data using high speed communication RS 232/485, Ethernet and USB ports. The features of data recording, monitoring and report generation are also available.

Technical specification

Working Space Customer requirements

Material & Exterior Stainless Steel grade 304

Temperature Range 25 deg C to 200 deg C

Humidity Range 97% RH with $\pm 3\%$ Variation

Temperature Stability Steady state conditions

Rate of change 2 deg C/min to 15 deg C/min

Thermal Insulation Polyurethane & Non-flammable rock-wool with PUF Pads

Viewing Window Six panes toughened glass filled with dry air and strip heaters to Prevent condensed water

Port Hole Port Hole for outlet of operational wire/ cables etc.

Controller Eurotherm controller enable for PC communication Through suitable software.

Aesthetic Certified Satin finish with CNC operation in Mechanical process Internal Well designed and processed Single or cascading refrigeration systems properly painted and insulated Well designed and processed Electrical System marked properly identified and routed wiring.

Performance components of CE marked with suitable rating All branded refrigeration components of European Community All branded electrical components of international level



Equipments Exporters

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