

Hot and Cold Chamber

The Pacorr Hot and Cold Chamber is a high-performance testing solution designed to simulate extreme temperature conditions for evaluating product durability and reliability. It helps manufacturers assess material behavior under thermal stress, ensuring quality and performance across varying environments, making it ideal for research, quality control, and industrial testing applications.

Specification

- Controls: HMI/PLC with Data logger facility (Programmable/ Cyclic) (Delta make)
- Inner chamber size : 900 mm x 900 mm x 900 mm
- Temperature range : -40°C to +150°C
- Temperature accuracy : ±0.5°C
- Temperature controller Least Count : 0.1°C
- Port holes required : Yes
- Drain holes required : Yes
- Material: Inner Chamber: SS304, Outer Chamber: MS Powder coated
- Sound level: Less than 70 db
- Cooling Ramp Rate : 1 °C per minute
- Heating Ramp Rate : 2 °C per minute
- Compressor: Emerson Copeland make, Cascade System Double Stage Compressor
- Power Supply: 220 Volts AC, Single Phase Supply, 50Hz



Model: PC-HCC

Features

- Wide temperature range for both heating and cooling cycles
- Precise temperature control with high accuracy
- Uniform temperature distribution inside the chamber
- Digital control panel for easy operation and monitoring
- Robust and insulated construction for energy efficiency
- Programmable test settings for automated testing cycles
- Safety features including over-temperature protection
- Suitable for testing plastics, rubber, electronics, and packaging materials

Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.