



innovative solutions

Conditioning Chamber Controlled Temperature and Humidity



Test Samples are required to condition at regulated temperature and humidity conditions before the actual test. The conditioning helps reduce the variation in results due to external environmental conditions

The conditioning chamber is designed to work at temperature from +5 to + 50 Deg C and 30% to 90% humidity. The temperature is controlled using combination of cooling compressor and strategically placed heater around the inner chamber. Steam generator is used to control the humidity and cooling coils are used to dehumidify the chamber.

The instrument consists of

- SS Inner Chamber
- Standard refrigeration system to maintain low temperature Heaters
- Steam Generator
- Digital Temperature Indicating controller
- Digital Humidity indicating controller



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