

Tempsens make climate chamber enables a product to be put through temperature tests in order to reveal its possible defects or to determine its life length and its performance.

Climate chamber can be used at any stage i.e. from research to production and are particularly valued in quality control because of the tests easy reproducibility. Their dimension is customized and can be installed on a table or a laboratory bench. Our existing climate chamber contains two Black body source with large emitting surface area (100x100mm) precise temperature control with good uniformity.

Both black bodies have individual liquid circulation through liquid chamber. The liquid circulation of individual flow meter with absolute fine controlling. It goes from -10°C to 100°C. We can test both black bodies at the same time at different temperature with different environmental condition.



SPECIFICATIONS

- Climate Chamber with Temp Range: 0 to 70°C and stability $\pm 0.25^\circ\text{C}$
- Two black body with large emitting surface are (100x100mm)
- The target cover is provided with dry N2 purge inlet to further prevent buildup.
- Controlling Sensor: RTD (Pt100)
- Dimension: 1500mmx900mmx500mm

KEY FEATURES

- 100x100mm area emitter size
- Good Uniformity
- Capable of operating at wide temperature range
- High resolution and PC interfacing
- Better stability
- High Accuracy

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