

Hybrid Benchtop Chamber



HBC49-N Hybrid Benchtop Chamber

Provides benefits of both chambers and thermal platforms in one system

TotalTemp Technologies offers a better way to do Thermal Testing. The first true Hybrid Temperature Chamber/Platform combination where the floor of the chamber is a completely functioning Hot/Cold Plate and operates independently or in conjunction with the chamber. Solves many problems:

- * Temperature Range from -100°C to $+150^{\circ}\text{C}$ (options for $+200^{\circ}\text{C}$)
- * Improves thermal gradients
- * Increases throughput with faster cycle times
- * Provides superior thermal uniformity
- * Small footprint for expedient benchtop testing
- * Feedthrough apertures on both left and right side

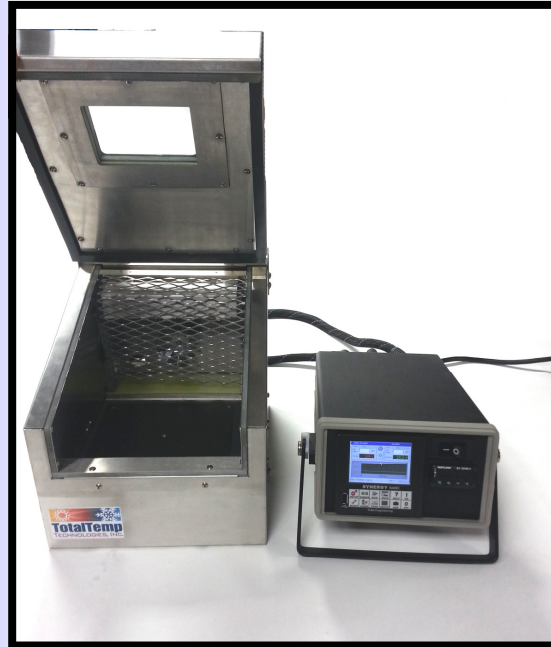
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HBC49-N Hybrid Benchtop Chamber shown with Lid up revealing the Thermal Platform floor of the Chamber

Interior Dimensions: 8.5" W x 7.5" D , Height is 4.5" to 6.5" at rear

By combining the benefits of Thermal Convection with a Chamber and Thermal Conduction with a Hot/Cold Plate, you gain the advantage of the added speed and convenience of benchtop thermal testing enabling faster throughput for production testing. The ability to control the platform and chamber separately allows for much greater flexibility. With cryogenic cooling (L-N₂ or L-CO₂) and the lower energy use of 120VAC, it reduces excess heating load to facilities.

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