

PRECISE THERMAL TESTING CAPABILITIES FOR YOUR TEST APPLICATION WITH MPI THERMAL



TA5000A

The ThermalAir TA-5000A brings precise thermal testing capabilities directly to your test application.

Bring temperature to the test site where thermal conditioning is required. In the engineering test laboratory or on the manufacturing production test floor, the ThermalAir TA-5000 temperature systems provide flexible test solutions for an array test applications and technologies.

- Super Quiet DC Inverter Chiller Technology
- -55°C to +125°C / +125°C to -55°C in less than 10 sec
- Eco-Friendly - Up to 50% Energy Savings
- Two built-in Touch Screen displays
- Control Temperature at the Test Site
- Standard Mode & Economy Mode
- Continuous Air Flow up to 25 SCFM @-80°C / +225°C
- Frost Free Operation / Built-in Air Dryer
- No LN2 or CO2 Required



TA5000B

The ThermalAir temperature system with flex extender air transfer hose provides maximum flexibility and reach, in the test lab, on the benchtop, or in the production line.

The unique architecture of the ThermalAir TA-5000B series of products creates an unprecedented hot and cold thermal performance from -80°C to +225°C.



TA1000A

The ThermalAir TA-1000 high capacity thermal air stream system is used for temperature testing, fast thermal cycling, and device temperature characterization of components, hybrids, modules, PCBs, and other electronic and non-electronic assemblies at precise temperature from -25°C to +200°C.



TA3000A

The ThermalAir TA-3000 high capacity thermal air stream system is used for temperature testing, fast thermal cycling, and device temperature characterization of components, hybrids, modules, PCBs, and other electronic and non-electronic assemblies at precise temperature from -60°C to +225°C. Compact! Plus Performance!



TC100 Chiller

MPI ThermalAir TC-100 high capacity thermal air process chiller system is used for temperature testing and localized temperature inducing of continuous -80°C Clean Dry Air flow up to 24SCFM. ThermalAir TC-100 Chiller provides a direct stream of continuous clean dry cold air directly to the area that needs to be temperature test. Environmental stress screening, temperature conditioning, thermal shock and other temperature test requirements is what the ThermalAir temperature systems bring to the test.



Thermal Air Accessories

The ThermalAir TA-5000 & TA-3000 series have a wide range of accessories that are attached to the ThermalAir Stream Arm and Flex Hose located at the end of Thermal Head output nozzles.

They incorporate an intuitive full function for the ThermalAir users with the flexibility to accurately test in a variety of ways at the thermal test workstation.

- Thermal Glass Caps in different sizes
- Compact Chamber Enclosures (Hood Style & Clamshell Style)
- Flex Transfer Hoses
- Hi-Temp Silicon Insulation Foam Rubbers
- Static Dissipative Insulation Rubbers
- Non-Conductive Shroud Kits
- Thermal End Effectors