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HOT AND COLD PLATES/PLATFORMS, THERMAL CHAMBERS AND CHILLERS



Example
Datasheet

Platforms and Plates

Precision controlled temperature plates are used in evaluation of devices, where controlled heating/cooling is needed for test measurement validation

- Custom and standard designs available
- Temperature range: -100 to +200°C with transition rates up to 40°C/min cooling and 30°C/min heating
- Optional covers, adapter plates and hole patterns for enclosing and mounting components undertest
- Basic system includes Controller, Failsafe and backup Redundant Valve
- Dry purge option to reduce moisture build up
- Touch Screen controller with remote interfaces



Example
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Thermal Chambers

Thermal Test Chambers are Ideal when you need a controlled environment that can simulate broad temperature extremes, perform rigorous repeatable stress tests or handle larger DUTs

- Custom designs available
- Wide temperature range: -100 to +200°C (options: -185°C to +500°C) with typical transition rates of 25°C/min or greater
- Industry's smallest footprint for given interior workspace
- Basic system includes Controller, Failsafe and backup Redundant Valve
- Thermal shock in a single chamber and MIL-STD testing
- High air flow promotes fast cycling and low gradients
- Touch Screen controller with remote interfaces

Thermonics Chillers

- Air, water or LN2 cooled models available
- Temperature Ranges from -90°C to +200°C
- Cooling capacities from 500W to 30 kW
- Multiple pump sizes and types with programmable flow rate and pressure options
- Wide selection of process cooling fluids
- Powerful chiller controller
- Optional flow meter, programmable fluid pressure and flow, anti back flow and pressurised fluid purge
- Remote communications options (analog, RS-485, TCP/IP Ethernet)

Low Temperature Fluid Chillers



[Further Info](#)

Extraction chillers



[Further Info](#)

LN2-Cooled Chillers



[Further Info](#)

Gas Chillers



[Further Info](#)

PAO Chillers



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[Learn more about InTest Thermal Solutions](#)

[Contact Melcom - for detailed specification, pricing & availability](#)



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