



Temptronic

ThermoChuck® Systems

Semiconductor Wafer Thermal Test Systems



Temptronic ThermoChucks are conductive heating and cooling systems for wafer testing at temperature. Its primary use is for wafer testing in Probe Stations, as well as Laser Trim and Wafer Burn-in. A few specialized applications include Low leakage probing (fA level), and High voltage probing (up to 10kV).

- -65C to +300°C
- 150mm, 200mm & 300mm
- Retrofits available for existing probe stations

150 and 200mm Products

Model	Temperatures	Cooling	Heating
TP03000A	-65 to +200°C	Mechanical refrigeration, closed loop liquid cooling	ThermoElectric
TP03010A	+20 to +200°C	Open loop air or water cooling*	ThermoElectric
TP03010B	0 to +200°C	Closed loop glycol/water cooling	ThermoElectric
TP03015A	+30 to +200°C (+300°C optional)	Open loop air or water cooling*	Resistive
TP03015B	+30 to +200°C (+300°C optional)	Closed loop glycol/water cooling	Resistive

Available in 115V or 220V

*User supplies cooling medium

300mm Products

Model	Temperatures	Cooling	Heating
TP03500A	-55 to +200°C	Mechanical refrigeration, closed loop liquid cooling	Resistive
TP03500D	+20 to +200°C (+300°C optional)	Open loop air cooling with Vortex*	Resistive
TP03500E	+30 to +200°C (+300°C optional)	Open loop air cooling*	Resistive

Available in 220V

*User supplies compressed air