

MaxTC Power Plus

High Power Thermal Control Unit



-75°C to 200°C



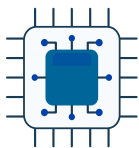
0°C @ 700W (Tc)



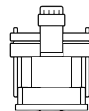
-40°C @ 400W (Tc)



55mm/75mm Head



MD Thermal Control Units offer high efficiency and flexibility, supporting various package types and device sizes, whether socketed or soldered. Using advanced technology, they provide precise and consistent temperature control through direct contact with the thermal head's tip.



The pneumatically driven thermal head ensures stable temperature regulation, excellent power handling, and precise control, making the units ideal for high-power devices, including AI - HPC & other extreme high-power devices.



55mm/75mm Thermal Head

Precise contact area for all type of DUT's

Packages: Customized Tip
From 5mm up to 119mm

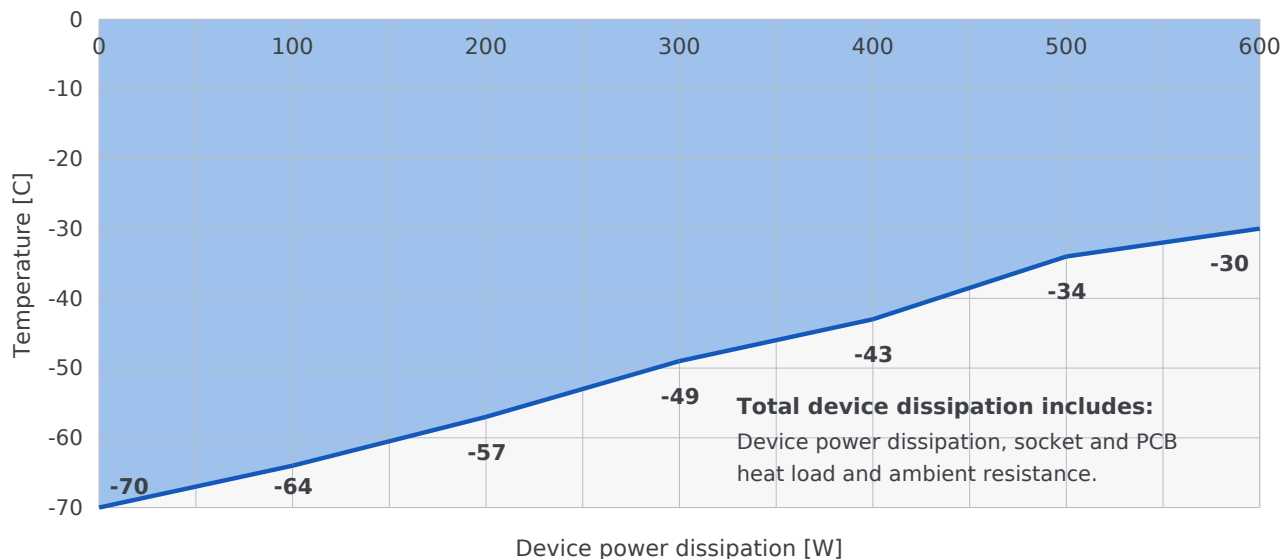
Clip-on Actuator

Pneumatic actuation ensures stable pressure and precise control



MaxTC Power Plus

Case temp vs total device dissipation



OPERATING

Cooling Power	-40°C @ 400W (Tc)
Temperature range	-75°C to +200°C
Temperature accuracy	±0.2°C
Transition rates	Up to 75°C/min
Sensor types	PT100/ TC/ DUT Thermal Diode
Actuation type	Pneumatic clip-on
Actuation force	30 - 350 kgf



FACILITIES

Power	200V-240V AC, 60Hz, 20A 200V-240V AC, 50Hz, 20A 110V AC, 60Hz, 30A/20A
CDA	<0.5 cfm @ 90 PSI -70°C dew point
Operating temp.	-10°C to 30°C NEMA L6-30/20 (220V Ver) NEMA L5-30 (110V Ver)
Plug	



MECHANICAL DATA

System size (WxHxL)	437 mm x 370mm x 700mm / 505 mm x 365mm x 610mm
System weight	65 Kg
Ctrl to TH distance	~2 m (6.5 ft) / ~2.5m (8.2 ft)



DATA COMMUNICATION

Ethernet	TCP/IP, RJ-45
Touch screen	7" LCD



FEATURES

- Temperature range -75°C to 200°C
- High cooling power
- Temperature stability 0.2°C
- Self-contained liquid free operation
- Quiet and portable
- Adapt to most packages/sockets
- Thermal Feedback loop programmable
- Maintenance FREE
- Remotely controlled via ethernet



AVAILABLE OPTIONS

- Clip-on actuator
- Manual actuator
- Toggle clamp
- Boom stand
- Customized fixtures
- Enclosures



APPLICATIONS

- ATE, SLT and bench
- High reliability testing
- OEM integrations
- LN2/thermal stream/chiller replacement

