



Max TC Power Plus is Mechanical-Device's high performance system. Designed to handle high power dissipation DUTs, by direct conduction thermal control.

Max TC Power Plus 6A

-75°C - 200°C

-50°C @ 400W



Max TC Power Plus - Designed with extreme thermal forcing power and flexibility in mind, allowing for customisation to test a wide range of very high power device sizes, packages and interfaces, whether socketed or soldered to board.

The Max TC Power Plus unit uses state of the art thermal conduction technology to simulate DUTs to the desired temperature precisely and consistently by direct contact with a powerful thermal head.

Powerful stand-alone thermal control unit, features:

- Cooling power -50°C @ 400W (steady state)
- Ramp rate up to 75°C/Min
- Temperature stability 10/5°C
- Temperature range -75°C to 200°C
- Peak temperature overshooting at high-power spikes
- Fast recovery time at high power spikes
- Replace LN2, thermostats, chillers and chambers
- Remotely controlled via an ethernet

Max TC Power Plus is a stand-alone, plug and play unit, requires only:

- AC input: Max TC: 200-240 VAC, 5-50Hz, 7A/8A 16A
- Plug type: NEMA L6-20 or 30
- Cold testing free from condensation

Max TC Power Plus with a Clip-On and Z axis integrated

- Robust and small footprint
- Setup is convenient and very fast using clip connections
- Applies precise and consistent force contact and thermal conductivity
- Accurate actuating force (dig) controlled from a touch screen or remotely
- Simple and quick connection and disconnection of the thermal head
- Adaptable for a variety of soldered and socketed devices
- For full automation only compressed air supply is required (BOPM maximum, from air pipe hose)
- Ideal for bench testing, R&D and production test engineering

Heat chamber test



High angle socket test



Toggle clamp unit



Manual actuator

