

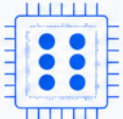
Power Plus MultiZone

MaxTC Power Plus MultiZone up to 6 Cycle Areas

 **-60°C to 150°C**

 **6 Independent Cycles**

 **Tip: -40°C @ 100(Tc)**

 **75mm Head**



Introducing the PowerPlus MultiZone Operational Thermal Forcing Unit

- * Designed for precise & fast temperature control.
- * Up to 6 thermal Zones controlled independently.
- * Maximum Temperature Difference of 60°C (8) cores.
- * High efficiency and flexible customization of the Tip.
- * Individual temperature cycle.
- * Individual DUT thermal feedback loop.
- * Suitable for socketed or soldered devices.
- * Direct-Contact MultiZone Tip for precise & consistent Control.
- * 19" Rack mount.



Tooling Kit for Tip

- * Case Kit
- * Clamping Jig
- * Extrator Jig

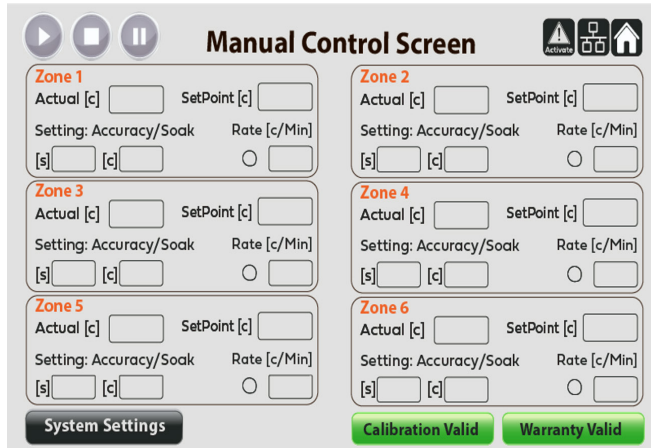
Clip-on Actuator

Pneumatic actuation ensures stable pressure and precise control. Mounted on with Tooling kit



Power Plus MultiZone

MZ 75mm HEAD for Customized Tip up to 6 Independent Zones



Manual Control Screen

Zone 1
Actual [c] SetPoint [c]
Setting: Accuracy/Soak Rate [c/Min]
[s] [c] ☐

Zone 2
Actual [c] SetPoint [c]
Setting: Accuracy/Soak Rate [c/Min]
[s] [c] ☐

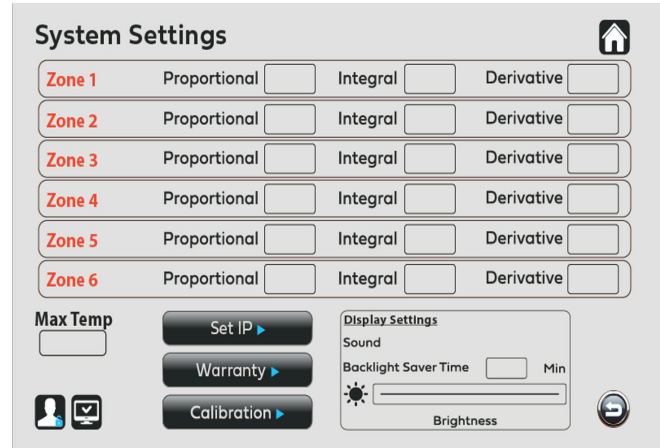
Zone 3
Actual [c] SetPoint [c]
Setting: Accuracy/Soak Rate [c/Min]
[s] [c] ☐

Zone 4
Actual [c] SetPoint [c]
Setting: Accuracy/Soak Rate [c/Min]
[s] [c] ☐

Zone 5
Actual [c] SetPoint [c]
Setting: Accuracy/Soak Rate [c/Min]
[s] [c] ☐

Zone 6
Actual [c] SetPoint [c]
Setting: Accuracy/Soak Rate [c/Min]
[s] [c] ☐

System Settings Calibration Valid Warranty Valid



System Settings

Zone 1 Proportional Integral Derivative

Zone 2 Proportional Integral Derivative

Zone 3 Proportional Integral Derivative

Zone 4 Proportional Integral Derivative

Zone 5 Proportional Integral Derivative

Zone 6 Proportional Integral Derivative

Max Temp Set IP Warranty Calibration

Display Settings
Sound
Backlight Saver Time Min
Brightness



OPERATING

MZ Tip Cooling Power	-40°C @ 100W (Tc)
Temperature range	-60°C to +150°C / 60°C (Ø) Zones
Temperature accuracy	±0.2°C
Transition rates	Up to 75°C/min
Sensor types	PT100/ DUT Thermal Diode
Actuation type	Pneumatic clip-on
Actuation force	350 kgf



FACILITIES

Power	208V-240V AC 50/60Hz 20A
CDA	<0.5 cfm @ 90 PSI -70°C dew point
Operating temp.	-10°C to 30°C
Plug	Nema L6-20/30



MECHANICAL DATA

System size (WxHxL)	505x365x610mm
System weight	65Kg
Ctrl to TH distance	~2 m (6.5 ft)



DATA COMMUNICATION

Ethernet	TCP/IP, RJ-45
Touch screen	10.1" LCD



FEATURES

- Temperature range -70°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

