



ECO Cool is an economical high performance TCUI to maintain the temperature of high power devices
-5C@400W, 5C@500W, 20C@600W, 20C@700W, 30C@800W

ECO Cool
-5°C, 20°C
1°C @ 400W



ECO Cool - 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 the board.

With state of the art design and technology, ECO Cool stimulates the DUT to the desired temperature, precisely and consistently by direct contact through a powerful thermal head.

Powerful stand-alone thermal control unit, features:

- Cooling power (PC @ 400W) (from steady state)
- Ramp rate up to 75°C/Min
- Temperature stability: 10 m°C
- Temperature range: -30°C to 200°C
- Place temperature overshooting at high power spikes
- Fast recovery time at high power spikes
- Replace LFG, thermocoolers, chillers and chambers
- Fully automated testing

ECO Cool with 'Clip-On Actuator' & Z-axis integrated:

- Robust and small footprint
- Setup is very fast and convenient using the clip-on-connect
- Fast and simple to attach and detach the thermal head using
- Controllable and consistent force on DUT
- Optimum contact and thermal conductivity
- Adaptable for any soldered and socketed devices
- Ideal for bench testing ASIC and SoC

ECO Cool is a stand-alone, real plug&play unit:

- AC input: 200-240 VAC, 1-50Hz/50/60 Hz IGA
- CO₂ or nitrogen for condensation free operation during cold testing

Heat exchanger head



High angle actuator head



Toggle clamp unit



Manual actuator

