

# New Generation of Thermal Solutions G4

## G4 IS HERE

Mechanical Devices is proud to introduce a new generation of testing control units to test IC devices under temperature.

Improved technology has resulted in a breakthrough in the fabrication of new generation G4 units with significant advantages over the previous generation.

The machines that rely on this innovative technology provide greater cooling power, energy-saving, quiet at work, cost less heat and have a longer life span.

With the Power Plus G4, the silicon temperature of high-power device can be maintained low during test running.

The overloading and recovery time can also remain low at high spikes during the test. The Power Plus cooling power is  $-42^{\circ}\text{C}/10\text{W}$  to  $-52^{\circ}\text{C}/10\text{W}$ . The temperature range is between  $-75^{\circ}\text{C}$  and  $+100^{\circ}\text{C}$ .

The wide temperature range enables cooling also low to mid power devices (1) with big thermal budget to  $40^{\circ}\text{C}$  or  $50^{\circ}\text{C}$ .

## REPLACE YOUR TRADITIONAL SOLUTION

All full thermal solutions easily replace the lot of one cooled or connect directly to a selected DUT and accurately control the temperature of any device.

The clip-on actuator controls the force on the device precisely and consistently.

This is an exceptional solution for high-performance sockets and high-power IC device up to 1000W. The G4 Power Plus can cool a 100-watts component to  $-44^{\circ}\text{C}$ .

This solution replaces traditional solutions such as air or water cooling system, chambers and the consumable & costly ESD.

G4 units are small, quiet, accurate, stable, stand-alone, maintenance FREE, fully programmable, and safe.

For more info about our products, contact us at:

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