

The Next Generation Thermal Test Performance A New Generation of Excellent Customer Service

## **Cryogenic Thermal Platforms** Standard Range -100°C to +200°C (-148°F to 392°F)



temperature control and minimal thermal gradients at set-point. TotalTemp has truly created the next generation in performance at a competitive price!

**Optional Refrigeration Compressor or** 

**Recirculating Fluid Cooling** 



TECHNOLOGIES, INI

San Diego, CA 92110 REV 6 2023

# "Best in Test" Award Winning Temperature Controller The Synergy Nano 5th Generation Control

- Color LCD Touch Screen
- Thumb Drive Compatible or USB Mouse
- Dual Platform Control, Capable of Running Two Plates
- Ethernet 10/100, Serial Port and Optional GPIB
- Logging, Graphing, Printing and E –mail
- Expandable for Multiple External Sensors
- Selectable Resume Control Functions



The Award Winning Synergy Series was built from collaboration with OEMs, test labs, re-furbishers and end-users. Fully equipped with features and available options that are now an industry standard. It has enhanced the overall efficiency of environmental testing. **Synergy Nano Controllers** are tasked with thermal cycling, conditioning, thermal shock, vacuum testing and they provide dual-zone control. Continuous innovation has produced the ultimate Controller for mission-critical environmental test

## Economical, Reliable Watlow Controller with Thermal Platform Systems



• Great Functionality at an Affordable Price

- PID Controller With a Large Display
- Programmable EZ (shortcut) Button
- Communication Protocol Options
- Built in Failsafe and Limit Features

The **Watlow EZ Zone PM Temperature Controller** is ideally suited for those applications where precise control and accuracy is still needed, but a simpler more cost effective solution is sufficient for the task.

Watlow EZ Zone PM Controller, SD49 with Cover

- Either controller can be configured as an upgrade for other manufacturers systems -

#### Light Duty Single Point DUT Clamp System

### Heavy Duty Clamp (HDC) Systems The Ultimate in Thermal Transfer Efficiency

The more tightly clamped two surfaces are together, the better heat transfer. It is especially important when transferring large amounts of heat from one device to another. The chart shows the thermal resistance decreases when an increase of pressure is applied.

