

## **T-2800 PRECISION TEMPERATURE FORCING SYSTEM**

**Temperature Range from –55 to +225°C at 50 Hz Power**  
**Temperature Performance between 125 and –55°C = 20 s**  
**Self-Contained Air Source (300SCFH)**

Microprocessor Control of All Critical Functions  
80 Character Alphanumeric Display for Readout of Temperature Set Points,  
Gas Flow Rate, and Actual Sensed Temperature and Ramp Rate  
Numeric Input Keypad for Manual Data Entry  
IEEE-488 and RS-232C Interfaces for Network / Tester Communications  
Self-Test Diagnostics  
99-Step Temperature Cycling Capability  
K- and T-type DUT Sense Thermocouple

### **Single Heater Thermal Testhead**

Heatless Air Dryer and Filter, Maintenance free for 2 years  
Programmable Temperature Ramp-Rate  
Gas Flow Rate of 2,4 l/s  
Soak Timer (1 to 9999 secs.)  
0.1°C Display Resolution  
Accuracy of  $\pm 1^\circ\text{C}$

### **Integrated Balanced Support Arm and Thermal Head for Manual Up / Down and In / Out Adjustments**

Standard 4.65" ID Double-Walled Glass Shroud  
Set of Five Silicone Rubber Thermal Caps, All 1.00 inch Deep  
1.00 inch diameter  
1.00 inch X 1.37 inch  
1.25 inch X 2.75 inch  
1.25 inch X 3.50 inch  
2.50 inch X 2.50 inch  
208/230 Volt, 50/60 Hz, Single Phase, 30 Amp Power. Requires a "stand-alone-Transformer".  
CE Mark included

### **Please note:**

The T-2800 is especially suited to run perfect linear temperature ramps from cold to hot and hot to cold. The specified Temperature Range relates to the AIR SENSOR positioned inside of the Output Nozzle or Output Hose. Using a DUT-SENSOR may decrease the Temperature Range! 60 Hz operation increases cold performance by 5°C.

**400VAC/3PHASE CONVERSION AVAILABLE**