

T-2820 PRECISION TEMPERATURE FORCING SYSTEM

Temperature Range from -75 to +225°C at 50 Hz Power

Temperature Performance between 125 and -55°C = 15 s

Compressed Air or Nitrogen Gas Source (+10°C dew point, must be oil-free)

Single-Stage Mechanical Refrigeration for High Reliability

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

Gas Flow Rates of 2,4 to 7,1 l/s for Fast Temperature Stabilization

Purge Gas Regulator and Programmable Heater

Soak Timer (1 to 9999 secs.)

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

0.1°C Display Resolution

Accuracy of $\pm 1^\circ\text{C}$

Universal 208/230 Volt, 50/60 Hz, Single Phase, 20 Amp Power Transformer

CE Mark included

Please note:

The T-2820 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.