T-2820SX PRECISION TEMPERATURE FORCING SYSTEM

Temperature Range from –85 to +225°C at 50 Hz Power
Temperature Performance between 125 and –55°C= <15 s
Compressed Air or Dry 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 ±1°C
Universal 208/230 Volt, 50/60 Hz, Single Phase, 20 Amp Power Transformer
CE Mark included

Please note:
The T-2820SX 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.