S&A
W-2500 COMPONENT TEMPERATURE TEST SYSTEM

• Automated, software driven component temperature test system
• System can be configured for capacitor, inductor, resistor, diode or transistor testing
• Typical testing applications are sampling test, final Q.C. test and new component evaluation
• Open, short and load calibration, isolated carriers, Kelvin contacts and shielded cables for accurate measurements
• Test wheels accommodate axial, radial, chip capacitors and many other special geometry type devices
• Selectable test parameters with user defined Q.C. limits including sorting and grouping features
• All data published in a Microsoft Access™ data base and can be exported to Microsoft Excel™ for custom data analysis
• Printouts are generated using Crystal Reports®
• Sharing of test results via network

SPECIFICATIONS

Temperature Range: -55° C to 150° C
Temperature Stability: ± 0.1° C

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SYSTEM CONFIGURATION

- S&A 4220 Temperature Test Chamber (CO2, LN2, or Mechanical Refrigeration)
- Measurement Option (listed below)
- Computer with Windows XP®
- System Software

MEASUREMENT OPTIONS

- Capacitor / Inductor Test System
  - Measurement Equipment: LCR Bridge, High Voltage Power Supply
  - Example Measurements: C, D, Q, L, CTC, LTC, C@V, L@V

- Insulation Resistance Test System
  - Measurement Equipment: Picoammeter, High Voltage Power Supply
  - Example Measurements: I, IR

- Resistor Test System
  - Measurement Equipment: Digital Multimeter
  - Example Measurements: R, RTC

- Diode Test System
  - Measurement Equipment: Source Meter, 2473 Multiplexer
  - Example Measurements: VF, VR, VB, IF, IR, IP

- Transistor Test System
  - Measurement Equipment: Lorlin or FEC Interfaces
  - Example Measurement: Bin Number

- Combination and custom systems available

SAMPLE REPORTS

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