S&A

W-2200B TEMPERATURE TEST SYSTEM
With 250B-1 or 250C Network Analyzer

- Accommodates two dual row test wheels with extended life test head contacts
- Easily loaded S&A proprietary sockets accept HC-45, HC-49, HC-43, HC-49US, HC-18, SMD and tubular type packages
- Typically holds 508 devices per run

Automated software based quartz crystal temperature test system
- Measures over 75 different parameters
- Parameter and curve fit characteristics are checked against easy to define QC limits
- Crystals of different frequencies can be tested in a single temperature run
- All data published in a Microsoft Access™ database and can be exported to Microsoft Excel™ for custom data analysis
- Crystal part number can be used to set complete measurement parameters, QC limits, temperature test points, and data printouts
- Printouts are generated using Crystal Reports®

SPECIFICATIONS

250B-1 Frequency Range: 15 KHz to 220 MHz
250C Frequency Range: 15 KHz to 500 MHz
Frequency Correlation: ± 1 ppm* at series (typical)
Crystal Power: 1 nW to 1000 uW (1 MHz to 50 MHz)
           1 nW to 500 uW (>50 MHz to 200 MHz)
Temperature Stability: ± 0.1° C

* Proprietary measurement and calibration algorithms provide correlation to industry standard crystal measurement equipment.

Roditi International Corp. Ltd,
SYSTEM CONFIGURATION

- S&A 250B-1 or 250C Network Analyzer
- S&A 2451 Switch Controller
- S&A 4220 Temperature Test Chamber (LCO₂, LN₂, or Mechanical Refrigeration Cooling)
- IEC-444 Pi-Network Test Head
- Windows® based System Software
- Printer (Optional)
- Computer Requirements:
  Minimum 500 MHz Pentium III
  One full PCI slot with +3.3V & 5V power,
  Windows 98®

SAMPLE REPORTS

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