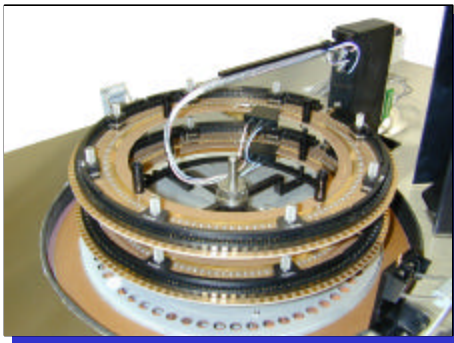




W-2800 SMD DISC PALLET OSCILLATOR TEMPERATURE TEST SYSTEM

- Automated, software-based oscillator VCXO and TCXO temperature test system
- Measures over 50 different tests
- Parameter and curve fit characteristics are checked against easy to define QC limits
- Oscillators of different frequencies can be tested in a single temperature run
- All data is published in a *Microsoft Access*[™] data base
- Data can be exported to *Microsoft Excel*[™] for custom data analysis
- Printouts are generated using *Crystal Reports*[®]
- Oscillator part number can be used to set complete measurement parameters, QC limits, temperature test points and data printouts



- Chamber holds two disc pallets for a total of 256 parts
- Standard SMD sizes available include 5x7 mm and 3.5x6 mm
- Measures ECL, TTL, CMOS, HMOS and 3.3 V & 5 V devices with square wave and sine wave outputs
- Load circuitry easily changed via plug-in module

SPECIFICATIONS

Frequency Range:	10 KHz - 400 MHz
Temperature Stability:	± 0.1 Degree C
Temperature Range:	-55 Degrees C to 125 degrees C (MR or LCO ₂) -65 Degrees C to 125 degrees C (LN ₂)

SAUNDERS & ASSOCIATES, INC.

2520 E. Rose Garden Lane - Phoenix, Arizona 85050 USA (602) 971-9977 FAX (602) 971-5522
E-Mail sales@saunders-assoc.com - World Wide Web <http://www.saunders-assoc.com>

SYSTEM CONFIGURATION

- **FET Probe Test Head**
- **Computer**
(minimum Pentium III, 4 PCI slots)
- **S&A 4220 Temperature Test Chamber**
(LCO₂, LN₂ or MR option)
- **TTL I/O Card**
- **Oscilloscope**
- **Frequency Counter Card**
- **Voltmeter / Power Supply Card**
(requires full size PCI slot)
- **GPIO Card**
- **System Software**
- **20A Power Supply**
- **Printer (optional)**

SAMPLE REPORTS

The collage displays several sample reports:

- Oscillator Group Summary:** Shows test results for multiple oscillators, including frequency, phase, and temperature data. It includes a graph of frequency vs. temperature.
- Oscillator Tabular:** A detailed table of test results for various oscillators, listing parameters like frequency, phase, and temperature.
- Various Test Data:** Includes graphs of frequency vs. temperature, phase vs. temperature, and other test parameters.
- Crystal Performance Test:** Shows results for a crystal performance test, including frequency and phase data.

SAUNDERS & ASSOCIATES, INC.