

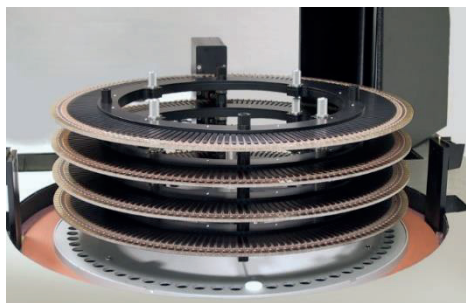
- Automated software based quartz crystal temperature test system

- Up to 4 disc pallets can be stacked

- Standard SMD sizes available include:

SMD TYPE	DISC CAPACITY	TOTAL CAPACITY/ PER CHAMBER
5 x 7mm	140	560
4.5 x 8mm	140	560
3.5 x 6mm	160	640
3.2 x 5mm	160	640
2.5 x 4mm	160	640
2.5 x 3.2mm	160	640
2.0 x 2.5mm	160	640
HC-49USMD	100	400
Leaded	100	400

- Custom SMD sizes available
- High speed fan mounted inside the chamber cover provides fast temperature soak time
- Disc pallet platform can be easily integrated into dedicated machine for automatic loading / unloading SMD devices



- Measures over 75 different parameters
- Parameter and curve fit characteristics checked against easy to define QC limits
- Crystals of different frequencies tested in a single temperature run
- 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*®

SPECIFICATIONS

250B-2 Frequency Range:

15 KHz to 220 MHz

250C-2 Frequency Range:

15 KHz to 400 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.

The Roditi International Corporation Ltd

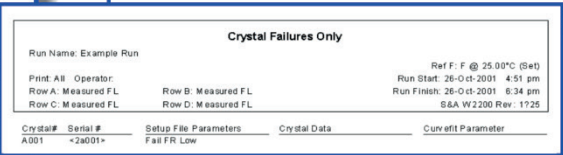
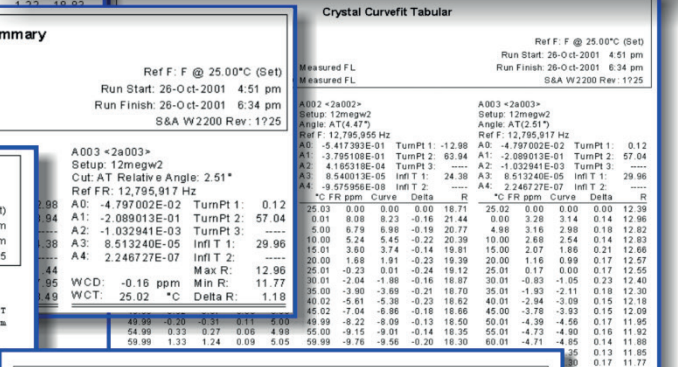
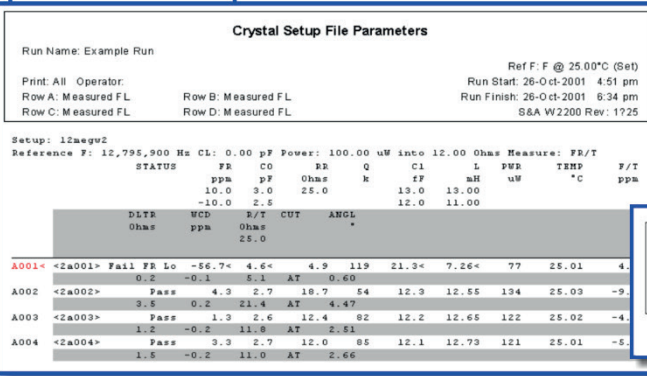
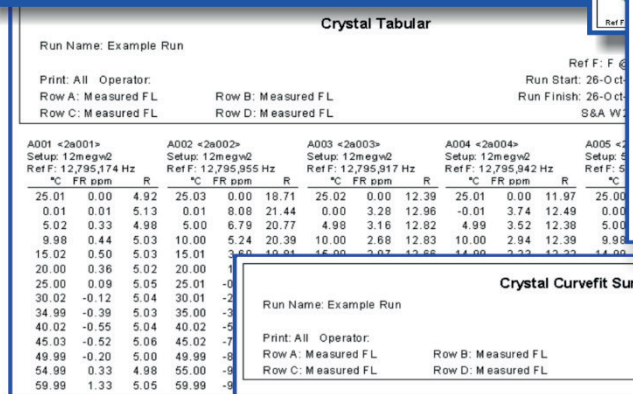
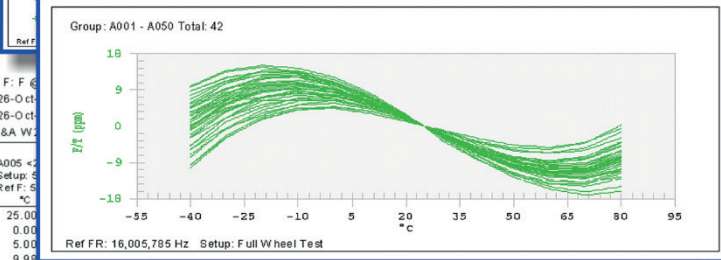
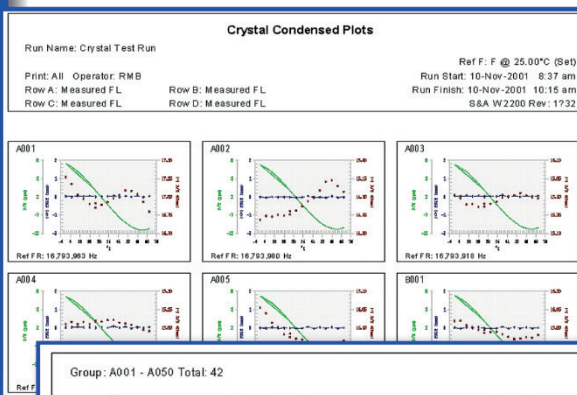
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SYSTEM CONFIGURATION

- **Windows® based System Software**
- **Computer Requirements:**
Windows XP Pro® (32-bit) with Intel uP and PCIe slot
-or-
Windows 10 Pro® (64-bit) with Intel uP and PCIe slot

SAMPLE REPORTS



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