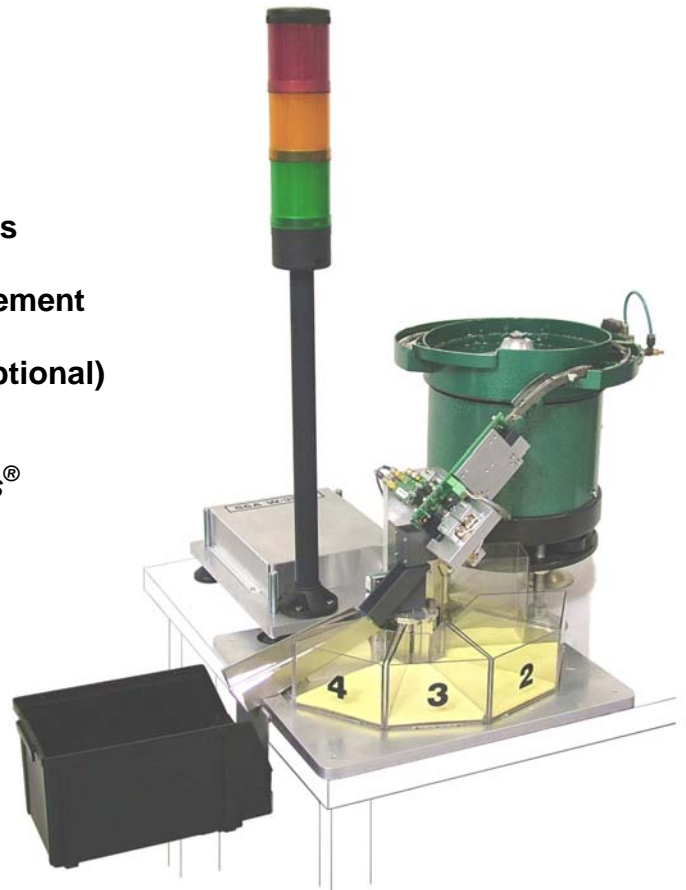


- Extremely fast quartz crystal test and sort system
- Low cost benchtop design
- Uses S&A 250B Network Analyzer for fast and accurate crystal measurements
- Includes insulation resistance measurement
- 2 bin sorting standard (6 bin sorting optional)
- Generates and prints statistical and distribution data using *Crystal Reports*[®]
- Tooling kit available include:
 - HC-49/49US
 - HC-49 SMD
 - 3.2 x 5 SMD
 - 3.5 x 6 SMD
 - 5 x 7 SMD
 - Custom sizes



SPECIFICATIONS

250B Frequency Range: 15 KHz to 220 MHz

Frequency Correlation: ± 1 ppm* at series (typical)

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

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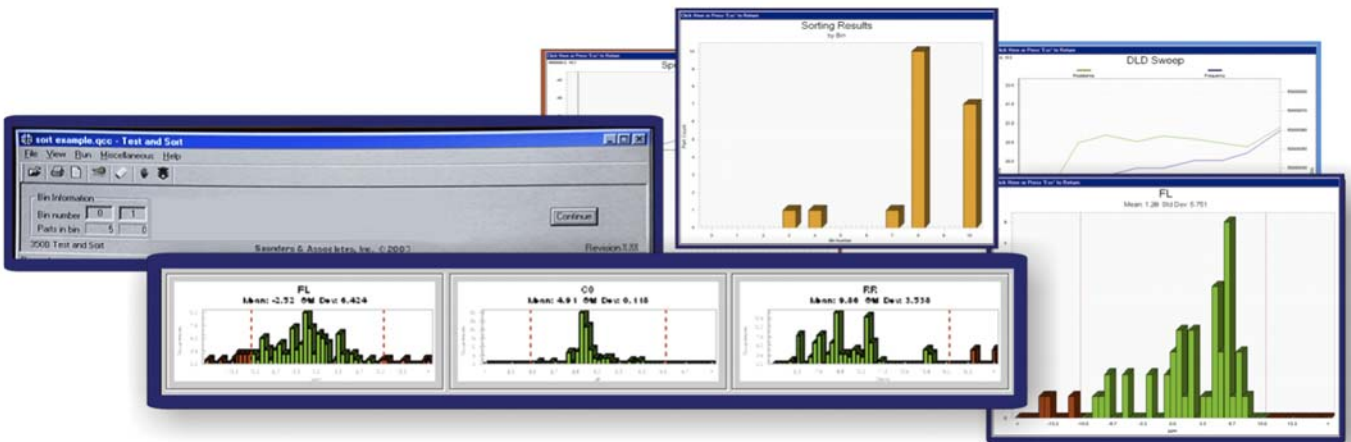
MEASUREMENTS

- Series Resonant Frequency
- Load Resonant Frequency
- Load Capacitance
- Shunt Capacitance
- Motional Capacitance
- Motional Inductance
- Resistance
- Quality Factor
- Trim Sensitivity
- Power Level
- Capacity Ratio
- Insulation Resistance
- Drive Level Dependency
- Spurious Testing
- Over 40 different crystal parameter measurements

SYSTEM CONFIGURATION

- 350D Benchtop Assembly
- 250B Network Analyzer
- TTL I/O Card
- Windows® System Software
- 2 Bin Sorting Standard
- Computer (Optional)
- Feeder Bowl (Optional)
- Printer (Optional)
- Light Pole (Optional)
- 6 Bin Sorting (Optional)

SCREEN FORMATS



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