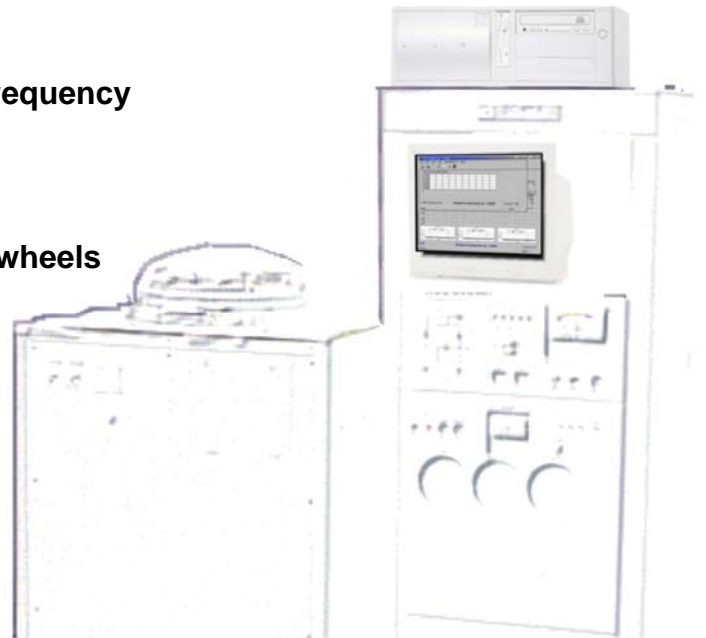


- Extends the frequency range of the SC-6SA Plating System<sup>1</sup> to 200 MHz
- Increases frequency accuracy
- Precision plating to load resonant frequency using “Measured FL” method
- No physical capacitor is required
- Uses existing filaments and crystal wheels
- Two Pass plating
- Over 40 different crystal parameter measurements including DLD and Spurious
- Measured parameters checked against user defined QC limits (No ring test required)
- Supports wheels with different number of positions (e.g. 72 or 144)
- Upgrade can be configured for a variety of plating system models



<sup>1</sup> SC-6SA is a trademark of Showa Shinku Corporation, Japan

### SPECIFICATIONS

<b>Frequency Range :</b>	1 MHz to 200 MHz
<b>Plating Performance :</b>	± 2 ppm* at series, typical
<b>Typical Process Time (144 Position Wheel) :</b>	10 minutes + pump down time
<b>Network Analyzer :</b>	S&A 250B

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

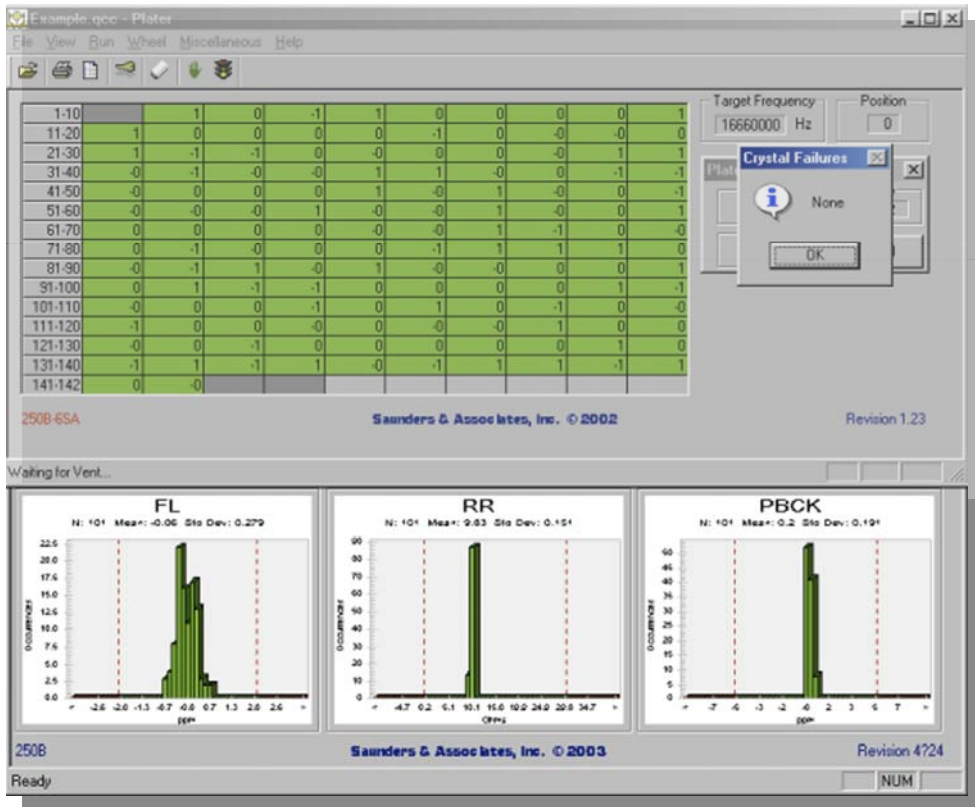
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## SYSTEM CONFIGURATION

- S&A 250B Network Analyzer
  - S&A 250B/6SA Relay Assembly
  - 6SA Vacuum Feedthru Assembly
  - **Windows® based System Software**
- S&A PCI TTL I/O Card
  - IEC-444 PI Network
  - **Computer Requirement:**  
Minimum 500 MHz Pentium III,  
full PCI slot with +5V & 3.3V power

## SCREEN FORMAT



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