

- Extremely fast quartz crystal plating system
- Plates two crystals at the same time
- High conductance vacuum design for quick pump down
- Fast stepper motor drive system with 0.1 second index time
- Precision plating to load resonant frequency using "Measured FL" method
- Over 50 different crystal parameter QC measurements
- Continuous crystal high drive capability for improved crystal DLD
- Small chassis design for minimum clean room space requirement



- User-friendly *Windows*[®] based system software
- Supports standard 6SA type, 72 position HC-45 and HC-49U, and 144 position HC-49S plating wheels
- SMD option supports easy load 126 position SMD plating discs
- Standard 6SA type filaments
- S&A 900A SMD Plating Disc Unloader/Loader system available

SPECIFICATIONS

250B-1 Frequency Range:	15 KHz to 220 MHz
250C Frequency Range:	15 KHz to 500 MHz
Plating Performance:	± 1 ppm typical final frequency

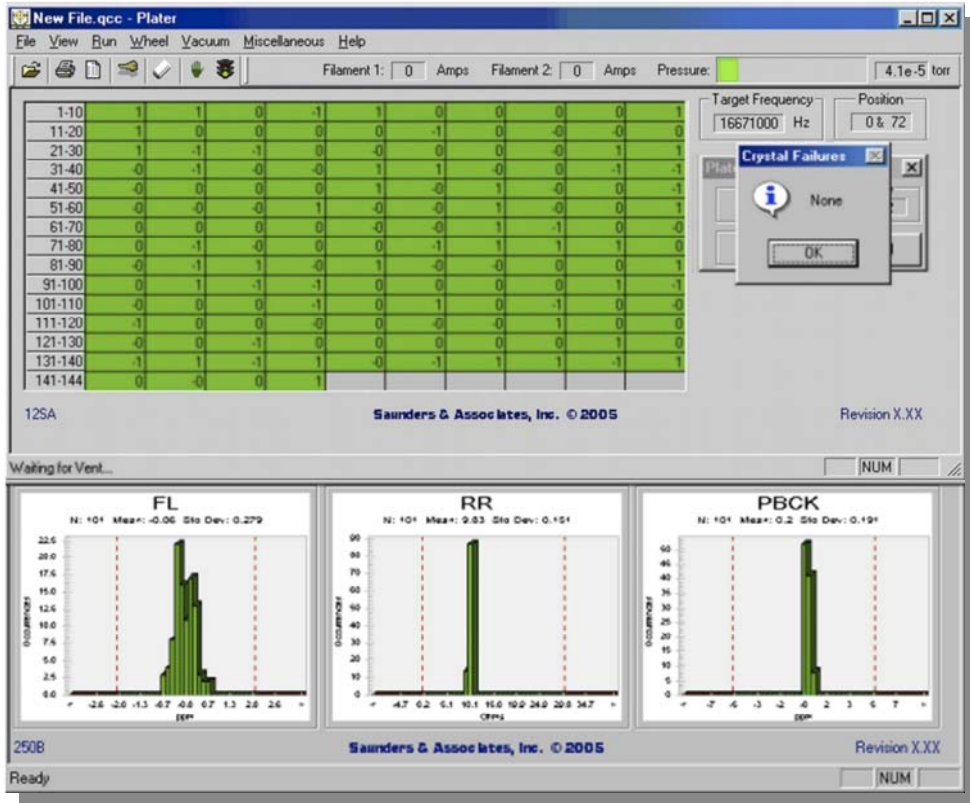
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SYSTEM CONFIGURATION

- S&A 250B-1 or 250C Network Analyzer
- Direct Drive Roughing Pump
- Diffusion Pump
- S&A PCI TTL I/O Card
- Computer
- *Windows*[®] based System Software
- Plating Wheels (Optional)
- Light Pole (Optional)

SCREEN FORMAT



FACILITY REQUIREMENTS

- **Power:** 380 Volts, 3-Phase, 15 Amps
- **Inlet Pressures:** 150 PSIG Maximum
 - **Air:** 90 PSIG
 - **Nitrogen:** 20 PSIG
- **Water Cooling (Diffusion):** 0.15 GPM @ 16-27° C
- **Dimensions:** W 60 x D 105 x H 100 cm

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