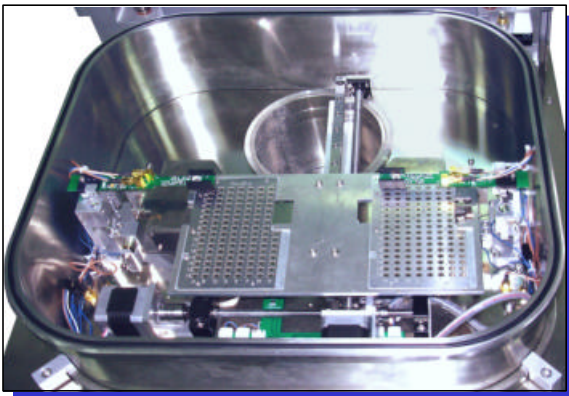




## W-5710 SMD CRYSTAL PLATING SYSTEM

- Extremely fast quartz crystal plating system
- Plates two crystals at the same time
- High conductance vacuum design for quick pump down
- Precise X-Y table positioning
- Precision plating to load resonant frequency using "Measured FL" method
- Over 50 different crystal parameter QC measurements
- Crystal high drive capability for improved crystal DLD
- Supports multiple process pallet configurations



- Small chassis design for minimum clean room space requirement
- User-friendly *Windows*<sup>®</sup> based system software

### 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

## SAUNDERS & ASSOCIATES, INC.

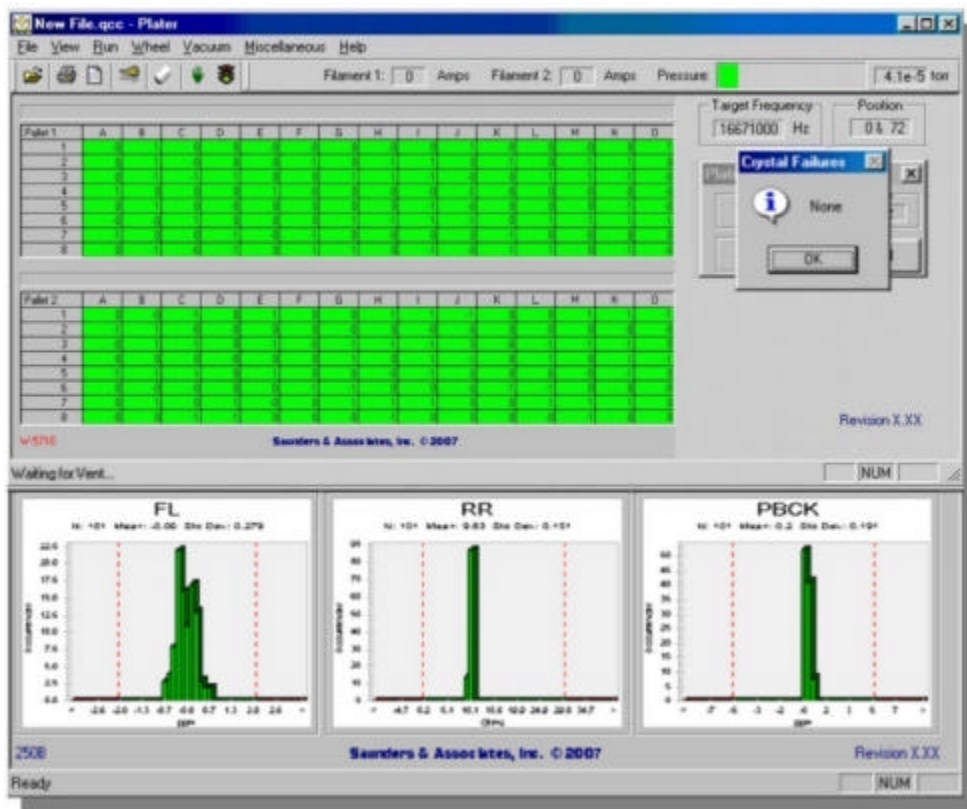
2520 E. Rose Garden Lane - Phoenix, Arizona 85050 USA (602) 971-9977 FAX (602) 971-5522

E-Mail [sales@saunders-assoc.com](mailto:sales@saunders-assoc.com) - World Wide Web <http://www.saunders-assoc.com>

## SYSTEM CONFIGURATION

- S&A 250B-1 or 250C Network Analyzer
- S&A PCI TTL I/O Card
- Direct Drive Roughing Pump
- Diffusion or Turbo Pump
- Computer
- *Windows*<sup>®</sup> based System Software
- SMD Pallets (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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