



W-5910iB-2 QUARTZ CRYSTAL ETCHING SYSTEM

- Quartz Crystal SMD devices are adjusted to target frequency by Ion Beam Etching of the electrode material
- The motional parameters of the crystal remain virtually unchanged
- Up to thirty-two (32) parts are processed simultaneously for high system throughput
- Precision mechanical design to support small SMD devices, such as 2.5x2.0, 2.0x1.6, 1.6x1.2, 1.2x1.0, etc.
- High Drive capability
- Measured parameters are checked against easy to define Q.C. limits
- Compatible S&A transport boats carry SMD devices in two compatible S&A pallets
- Supports high density pallet matrix 40x16, 3mm x 5mm pitch and Universal Production Pallets (UPP)



SPECIFICATIONS

250B-2 Frequency Range:	15 KHz to 220 MHz
250C-2 Frequency Range:	15 KHz to 420 MHz
Etching Performance:	± 1 ppm typical final frequency

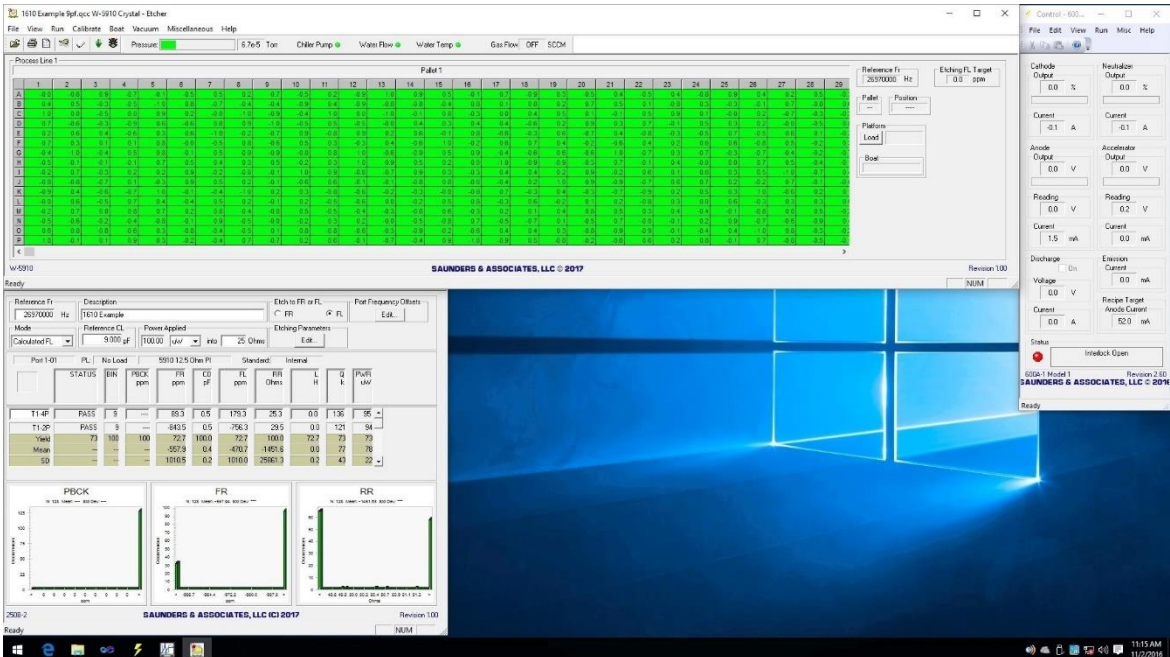
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SYSTEM CONFIGURATION

- Two S&A 250B-2 or 250C-2 Network Analyzers
- High Performance S&A Ion Gun
- Direct Drive Roughing Pump
- System Controller
- Turbo Pump
- *Windows*® based System Software
- S&A Dual Channel High Drive
- Light Pole

SCREEN FORMAT



FACILITY REQUIREMENTS

- **Power:**
- 380VAC/208VAC
3-Phase, 7KVA, 50/60 Hz
- **Inlet Pressure:**
- 90 - 100 PSIG
- **Air:**
- 90 - 100 PSIG
- **Nitrogen:**
- 70 - 100 PSIG
- **Process Gas:**
- 20 PSIG
- **Dimensions:**
- W 53" x D 37" x H 88"

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