• 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

• Sixty four (64) parts are processed simultaneously for high system throughput

• Small crystal electrodes are as easy to precisely adjust as large electrodes

• Super High Drive capability

• Measured parameters are checked against easy to define Q.C. limits

Supports small SMD sizes including 3.2x5.0, 3.2x2.5, 2.5x2.0, 2.0x1.6, 1.6x1.25

Transport boats carry SMD devices in 16x20 S&A flip pallets

Dual boat configuration holds four pallets per run with a total of 1280 parts

SPECIFICATIONS

250B-1 Frequency Range: 15 KHz to 220 MHz
250C Frequency Range: 15 KHz to 500 MHz
Etching Performance: ± 1 ppm typical final frequency
- Four S&A 250B-1 or 250C Network Analyzers
- Direct Drive Roughing Pump
- Cryo Pump
- Two S&A Dual Channel High Drive Units
- Two S&A Ion Guns

SYSTEM CONFIGURATION

- S&A 690B-X2 Elevator
- Computer
- Windows® based System Software
- Light Pole

SCREEN FORMAT

FACILITY REQUIREMENTS

- Power: 380VAC/208VAC
  3-Phase, 7KVA, 50/60 Hz

- Inlet Pressure:
  Air: 90 - 100 PSIG
  Nitrogen: 90 - 100 PSIG
  Process Gas: 70 - 100 PSIG

- Dimensions: Standard: W 65” x D 37” x H 106”
  With Elevator: W 65” x D 59” x H 106”

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