

- Oscillator SMD and VCXO devices are adjusted to target frequency by Ion Beam Etching of the crystal electrode material
- The motional parameters of the crystal remain virtually unchanged
- Up to sixteen parts are processed simultaneously for high system throughput
- Small crystal electrodes are as easy to precisely adjust as large electrodes
- Measured parameters are checked against easy to define Q.C. limits



Transport Boat

- SMD devices are continuously loaded, unloaded and adjusted to frequency with optional Elevator System
- Two magazines each hold five transport boats
- Transport boats carry SMD devices in two S&A pallets
- Supports 8x10, 6x15 or custom pallets
- 32 KHz Watch Crystal option available

SPECIFICATIONS

Measurement Range:

32 KHz to 622 MHz

Etching Performance:

± 1 ppm typical final frequency

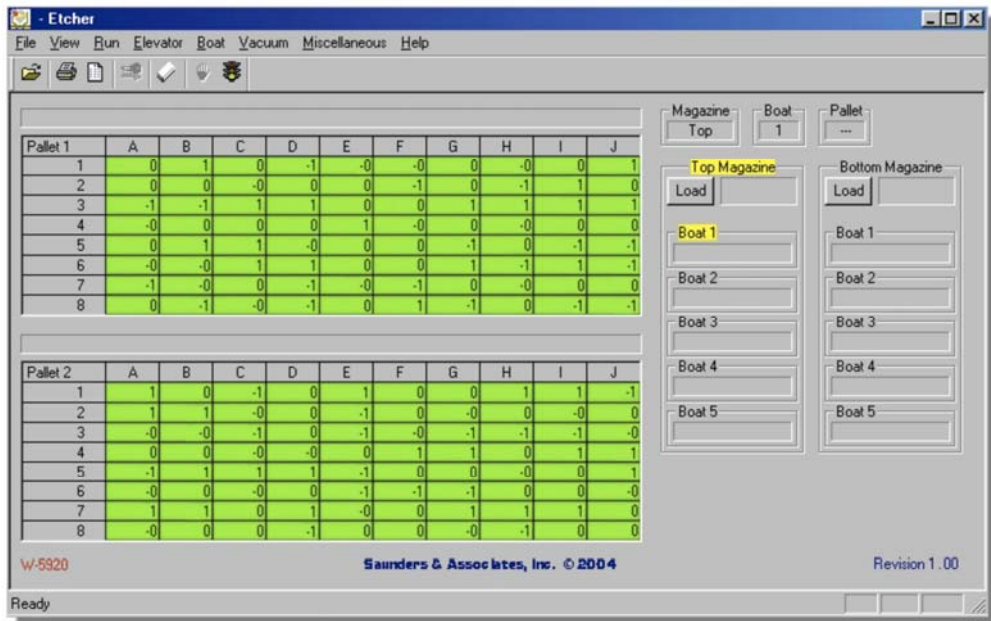
Roditi International Corp. Ltd,

Machiavelli House, 102 Stewarts Road, London. SW8 4UG. Tel: +44 (0) 20 7819 8080
FAX: +44 (0) 20 7720 5261 E-Mail saunders@roditi.com - World Wide Web <http://www.roditi.com>

SYSTEM CONFIGURATION

- S&A Multi-Function PCI Card
- S&A 250B-1 Network Analyzer
- Direct Drive Roughing Pump
- Diffusion Pump (Cryo Pump Option)
- 690 Elevator System (Optional)
- Ion Gun
- Computer System Software
- 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"

The Roditi International Corporation Ltd is the exclusive European representative of Saunders & Associates, LLC