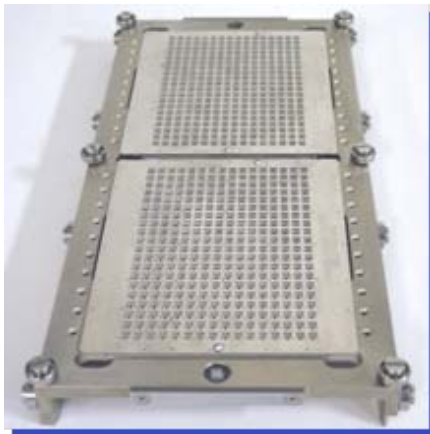
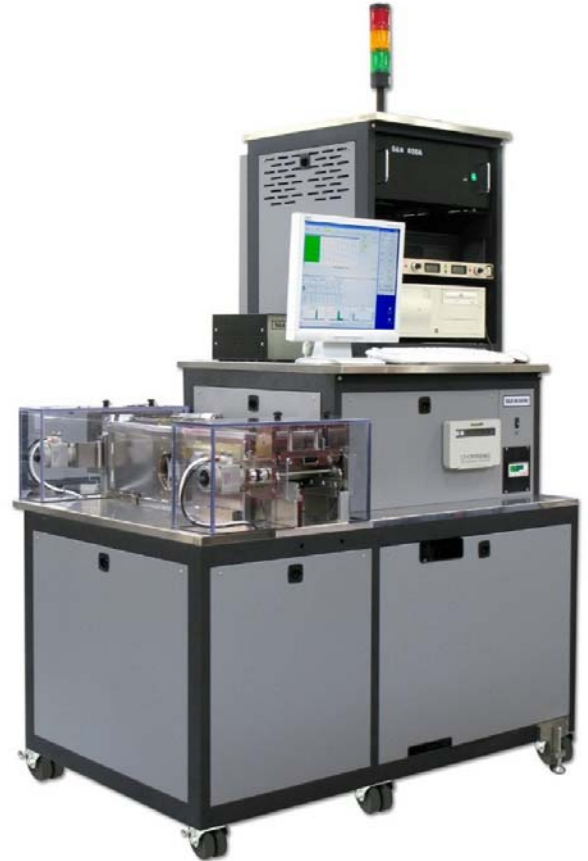


- Linear input to output process flow for easy inline system integration
- Oscillator SMD and VCXO devices are adjusted to target frequency by Ion Beam Etching of the electrode material
- The motional parameters of the crystal remain virtually unchanged
- Up to thirty-two parts are processed simultaneously 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

- 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 S&A flip pallets
- Many pallet matrix configurations available including 16x40, 8x60, 8x30

### SPECIFICATIONS

**Measurement Range:**  
**Etching Performance:**

32 KHz to 622 MHz  
± 1 ppm typical final frequency

## The Roditi International Corporation Ltd

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## SYSTEM CONFIGURATION

- S&A MFC-100 Card
- S&A 250B-1 or 250C Network Analyzer
- Direct Drive Roughing Pump
- Cryo Pump
- S&A Ion Gun
- Computer
- *Windows*® based System Software
- Light Pole

## 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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