W-5910i QUARTZ CRYSTAL INLINE ETCHING SYSTEM

- Linear input to output process flow for easy inline system integration
- 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
- Small crystal electrodes are as easy to precisely adjust as large electrodes
- High Drive capability
- Measured parameters are checked against easy to define Q.C. limits

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

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

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SYSTEM CONFIGURATION

- Two S&A 250B-1 or 250C Network Analyzers
- Direct Drive Roughing Pump
- Cryo Pump
- S&A Dual Channel High Drive
- S&A Ion Gun
- 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: 70 - 100 PSIG
  Process Gas: 20 PSIG

- Dimensions: W 53” x D 37” x H 88”

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