



EQUIPMENT LIST

SMT

- 2 – DEK 265GS, Stencil Screen Printer with auto stencil wipe (inline)
- 1 – Transition Automatic Printek II, Screen Printer (prototype line)
- 2 – Siemens SIPLACE 80S20, Pick & Place (inline)
- 2 – Siemens SIPLACE 80F4, Pick & Place (inline)
- 1 – Siemens SIPLACE HS-50, 4-gantry Pick & Place
- 1 – Essemtec Expert-M, Pick & Place (prototype line)
- 1 – Conceptronics HVA70, Convection Reflow Oven
- 1 – BTU VIP70, Convection Reflow Oven
- 1 – Techno HA-06, Convection Reflow Oven (prototype line)
- 1 – SRT Sierra FPD, SMT Repair Workstation
- 2 – DataPaq Reflow Tracker System with Surveyor

COMPONENT PREPARATION

- 2 – Hepco 1500-1, Bulk Lead Trimmer
- 1 – Hepco 1700-2, Radial Former & Trimmer
- 1 – WA A-74, Tape & Reel Axial Lead Processor
- 1 – Hepco 3000-2, Die Set Pneumatic Former
- 1 – Ren Thang KA-66, PCB Lead Trimmer
- 1 – Terra Universal Desiccator with nitrogen Dual Purge and Ionizing modules
- 1 – AmeriVacs AVS-20, Vacuum Sealer

AUTO-INSERTION

- 1 – Universal Instruments Axial Sequencer
- 2 – Universal Instruments Automatic Axial Inserter
- 1 – AutoSplice with AutoPin/2 Insertion Head

SOLDERING SYSTEMS

- 1 - Electrovert Ultra 2000, Leaded Wave Solder System
- 1 - Qualitek JT SM-450, Lead-free Wave Soldering System
- 1 – Pillarhouse Sapphire, Selective Solder System with Emerald Fluxer and Pre-heater

INSPECTION EQUIPMENT

- 1 – Marantz iSpector 350ML, Automatic Optical Inspection System with RGB lighting for solder fillet inspection

- 2 – Vision Engineering Mantis Compact, Stereo Dynascope
- 1 – ScienScope Zoom Microscope, Digital camera and computer system
- 2 – Bausch & Lomb Zoom Stereo Microscope

TEST EQUIPMENT

- 2 – Teradyne Z1800, In-Circuit Tester
- 1 – Teradyne Z1805-1, In-Circuit Tester
- 1 – Teradyne Z1890, In-Circuit Tester with Functional Interface Board (FIB)
- 4 – Fluke 110, True RMS Digital Multimeter
- 2 – Fluke 8000A, Digital Multimeter
- 1 – Fluke 8012A, True RMS Digital Multimeter
- 2 – Keithley Digital Multimeter
- 1 – HP 3478A, Digital Multimeter
- 1 – Brand Electronics 4-1850, Digital Power Meter
- 2 – Brand Electronics 4-3700, Digital Power Meter
- 1 – BK Precision 4003A, Function Generator
- 1 – IEC F34, Function Generator
- 1 – Krohn-Hite 5200A, Function Generator
- 2 – Instek GLP-1A, Logic Probe & Logic Pulser
- 1 – Fluke 1910A, Multi-Counter
- 1 – HP 54502A, Digitizing Oscilloscope
- 1 – Tektronics TDS-520A, Two-channel Digitizing Oscilloscope
- 1 – LG OS-3040D, Digital Storage Oscilloscope
- 1 – Philips PM6303, RCL Meter
- 1 – BK Precision 575, Digital IC Tester
- 1 – Hakko 191, Digital Thermometer
- 2 – Needham's Electronics EMP-20/21, Device Programmer
- 1 – Microchip PICTSTART Plus, Developmental DIP Programmer

COATINGS & ADHESIVES

- 1 – PVA 650, Conformal Coater with 4-axis CNC servos for 90°/45° tilt dispensers
- 1 – Glenmar Portion-Aire PV-2000-DT, Pneumatic Adhesive Dispenser