

CAPITAL EQUIPMENT LIST

FLORIDA FACILITY

I. SMT EQUIPMENT

- 8 – MPM Screen Printers
- 3 – Pemtron TR7700H 3D In-line Solder Paste Inspection systems
- 3 – Universal High Speed Chip Shooters
- 5 – Universal Genesis Chip Shooters
- 10 – Universal Genesis Multi-Functional Placement Machines
- 3 – Universal GSM-1 Fine Pitch Pick n' Place
- 8 – Yestech In-Line AOI Systems
- 9 – Electrovert Convection Reflow Ovens
- 1 – Glenbrook Jewel Box 90C X-Ray
- 1 – Yestech X3 3D X-Ray Machine
- 1 – BGA Inspection Scopes
- 1 – Koh Young 3020T 3D SPI offline
- 1 - IPTE PCB Depaneling Router
- 6 –YesTech BX Off-Line AOI systems
- 1 - Koh Young 3D AOI System

II. COMPONENT PREPARATION

- GPD CF-8 Radial Prep
- GPD CF-9 Radial Prep
- GPD CF-10 Radial Prep
- Hepco DIP Lead Former
- Hepco Radial Lead Former
- Axial/Radial/SMD Component Counters
- A.P.S. Radial Lead Cutters
- Technical Devices Mark V Axial Formers
- ATC-210 Taped Radial Cutter/Former
- Hepco 8000-1 Axial Former
- Data I/O Universal Programmer

III. AUTOMATIC THRU-HOLE ASSY

- 1 – Universal Instruments Sequence Inserter 60 Stations
- 1 – Universal Instruments 40 Station, Radial 8XT Lead Inserter
- 1 – Amistar Labeling Machine
- 1 – CMS Laser Marking Machine
- 1 – BMS Dot Matrix Labeling Machine

IV. SOLDERING/CLEANING

- 2 – ERSA-VERSAFLOW Selective Solder System
- 3 – Electrovert Wave Solder Machines
- 2 – TREK In-Line Wash Systems w/DI Rinse
- 1 – Aquastorm 200 In-line Wash System w/Saponifer and DI Rinse
- 3 – Baking Ovens
- 1 – RO/DI Water System
- 1 – Smart Sonic Stencil Cleaner

V. HAND SOLDERING EQUIPMENT

- Air Vac Rework Systems
- BGA Rework Systems

VI. LOADED BOARD TEST (per availability)

- 7 – HP3070 In-Circuit Test Systems
- 2 - Scorpion Technologies Flying Probe Systems
- 33 - Oscilloscopes – Analog and Digital Models
- AC and DC Hi-Pot units
- 1- E4982A Agilent LCR Meter

RF Test Equipment

- E4432B Signal Generator
- CFG280 Function Generator
- 8590L Spectrum Analyzer
- 2- 8954E Spectrum Analyzer
- 8563EC Spectrum Analyzer
- 436A Power Meter
- E4418B Power Meter
- E4413A Power Sensor
- 3575A Gain Phase Meter
- 83620B Synthesized Sweeper
- 8753ES Network Analyzer
- 8757D Scalar Network Analyzer
- 8648C Signal Generator
- 85025A Coax Detector
- Directional Bridge 10MHz-18GHz

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- ONTAP Boundary Scan Test System
- JTAG Technologies Boundary Scan Test System
- ASSET Technologies Boundary Scan Run-Time System

VII. BURN-IN CHAMBERS

- 1- Tenney Model TTRC
- 1- Blue M Model DC-1406F-H.P.
- 1- Blue M Model C-4717-Q
- 1- Envirotronics FST1800F Temperature Chamber
- 1- Envirotronics FSH1800F Temperature/Humidity Chamber
- 1- Cincinnati Sub Sero SP-32

VIII. PROCESS CONTROL

- 1- Metrohm Ion Chromatography System
- 1- SDS SMDV Ionograph
- 1- ECD SuperMole
- 1- ECD OverRider
- 1- ECD WaveRider
- 1- KIC Profiler
- 1- Micro Vu Part measuring machine

IX. CONFORMAL COATING

- Hand Spray Booth
- Manual Touch-Up/Inspection Booths

X. MANAGEMENT INFORMATION SYSTEM

- Kinaxis Rapid Response
- On-Line/Real Time ESD Testing and Tracking Software
- Mentor Graphics Valor DFM software
- Aegis Fusion Software
- Part Verification System (PVS)