Highlighted Equipment

**IT/Engineering CAD/CAM**
- Gerber Crescent 30 1/2 Mil Resolution Plotter
- Gerber Escort 30 Automatic Film Loader
- Fully Integrated Genesis & Pentalogix CAM Systems
- CAM, ET, AOI, Laser Plotting & Drilling Network
- M2M Management System w/ Barcode Tracking
- Kodak Kodak 660+ Automatic Film Loader
- 5 CAM Stations with Design Rule Check
- Test Fixturing & Net List Extraction Software

**N.C Drilling, Routing, Milling**
- Mach3 Labs Antares 700x Precision X-ray Drill
- 2 Mania Micronic 86, 200k spindles
- Excellon System 2000
- Milltronics VM3018 – Vertical Milling Machine Center
- Milltronics VMK 3 – Milling Machine Center
- Accu-Score AS-150-MAX Scoring Machine
- 3 Excellon Mark VI Drill, CNC 6
- 3 Excellon Mark VI Router, CNC 6
- Bevelmaster Beveler
- Wysong Hydraulic Laminate Shear

**Multilayer Lamination**
- TMP Vacuum Lamination Press – 4 Opening
- PHI 4 Opening Hot/Cold Press w/ Vacuum Assist
- SOMACA Cau Plate Scrubber
- RAMCO Wide Belt Sander
- Multiline Inner-layer Registration Punch
- Multiline OPE-9000 - 4 Camera Automatic Post Etch Punch
- Multiline Core Punch & Definer
- Real Time X-Ray

**Laboratory/Chemical Analysis**
- Fischerscope Multiple Measuring System
- Real Time Plating Thickness Measuring
- Perkin Elmer PinAcale 500 Spectrophotometer – AA Unit
- HACH DR/2000 Direct Reading Spectrophotometer
- Buehler Ecomet Cross Sectioning Saw
- Analytical Balance, Omega Meter 600
- UPA Microderm MP-700
- UPA Caviderm CD-8 with CPS-111B Probe Stand
- Olympus Scope and Camera with Javelin Monitor
- (3) Buehler Ecomet IV Variable Speed Polisher/Grinder
- Ohaus Precision Scale

**Quality Control/Inspection**
- Camtek Phoenix-HDI AOI System
- Mania AOI TST DTS
- Microcraft Flying Probe Electrical Tester EMMA EMX 6151
- Microcraft Flying Probe Electrical Tester EMMA ELX 6146 with High Pot Capabilities
- (3) Glenbrook X-Ray's
- Buehler/Olympus Microscope & Software System
- Oxford Instruments Advanced XRF Coating Thickness Measurement System
- Micro-Vu Q16 Precision Measurement System
- Polar Instruments CITS 880s Controlled Impedance Tester
- TTI 33,000 Test Point Universal Grid Tester
- TTI Dual Access Tester - Fine Pitch SMD Test Probes
- High Pot Tester to 5000V
- Micro-Vu XCEL 601

**Wet Processing**
- 48’ Semi Automatic Electrowax Copper Line with Hoist
- ENIG/Silver Line
- (2) Electrolytic Copper Pattern Plating Lines
- 75 Gallon Deep Nickel Tank
- Various Aldonex Remote Rectifiers (25 to 10,000amp)
- Serfilco Carbon and Polypro Filtration System
- Oxide Conversion System
- Technic Mini FFP Tab Plater
- AEM American Pro Wet Sanding Machine
- Chemcut 107I Oscillating Scrubber
- International Supplies Pumiflex SHD/A24
- International Supplies Board Cleaner/Washer
- DEA 24” ConveyORIZED Developing and Rinsing Unit
- Chemcut 547 ConveyORIZED Tin Stripping Line
- Chemcut 547 ConveyORIZED Resist Stripping Line
- Chemcut 547 XLI Alkaline Etching System
- ASI Inner Layer Scrubber
- Chemcut Desmear & Etch Back Line (Permanganate)
- Argus 5000 ConveyORIZED Hot Air Leveling
- Argus 5000 Hot Air Leveling RoHS Lead Free Solder Line
- In Line Pre-Clean, Fluxer and Post Clean Unit

**Imaging**
- Orbotech Paragon 8800 LDI
- Orbotech Sprint 120 Inkjet Legend Printer
- Multiline Dual Camera Registration Up-Punch
- (3) Circuit Automation DP1500 LPI Solder Mask Coater
- (2) Dynachem Epic 110 Drying/Curing Tunnel Oven –
  - (1) Tack Cure, (1) Full Cure
- Multiline Artwork Registration Film Punch
- Colight 1630, 1530, & (2) 1330 Exposure Units
- OLEC Accuprint AP30
- (2) Dynachem Dry Film Soldermask Laminator
- (2) New Dynachem 1500c Automatic Cut Sheet Laminators
- DuPont HRL 24 Air Activated Laminator
- LC-2400 Electro-Static Cleaner
- (2) Autroll Exacta 360
- Burgess Industries 24’ Ammonia Film Processor
- X-Rite Densitometer
- Anti-Static Auto Film Cleaner
- Rich Automation Vertical Developer
- Chemcut 547 LPI and Dry Film Solder Mask Developer
- Multiline Opti-Line Film Punch
- Multiline Registration Table
- Nuarc FT-40V3UPNS Flip Top Plate Maker
- EI-150 Digital Exposure Integrator & Timer
- Precision Quincy LPI Oven with Chart Recorder
- (3) Blue Chip Precision Screen Presses / Backlight
- Viulox 3002 Exposure Unit / Vacuum Frame

**Environmental Regulatory Assurance**
- J-Mark Systems Treatment System
- Serfilco 4 Cubic Foot Filter Press
- Gravity Settler
- Sludge Dryer