

Equipment List

Surface Mount Equipment

- 6 Panasonic MBSF automatic board loaders
- 6 MPM Momentum automatic screen printers
- 4 Panasonic (XL) HDPV adhesive dispensing systems
- 1 Panasonic (XL) HDPG adhesive dispensing system
- 1 Panasonic (XL) HDF adhesive dispensing system
- 2 Panasonic MSR (XL) 75 x 75 high speed chip shooters
- 4 Panasonic MVIF (XL) 75 x 75 high speed chip shooters
- 4 Panasonic MPAV (XL) flexible placement systems
- 2 Panasonic MPAV2B (XL) flexible placement systems
- 6 Conceptorics HVN Series 24" wide convection reflow oven
- 1 Electrovert Aquastorm 200 24" semi-aqueous cleaning system
- 1 Phoenix Inspector real time 2D X-ray system
- 1 Air-Vac DRS22 with split image microscope rework station
- 1 Cyberoptics Model LSM 3D inspection system

Printed Circuit Board

- 2 40' Simplimatic conveyerized assembly systems
- 2 GPD C.F.8 axial lead component formers and trimmers
- 1 GPD C.F.9 radial lead component former and trimmer
- 1 UMG Technology VCD-H high speed axial inserter
- 1 Dynapert UCSM-G axial taping sequencer
- 1 Dynapert DD4500 DIP inserter
- 1 Gold Wave GW-10 solder pot
- 2 Specnor Tecnic Ultima wave solder machines
- Lead/Lead-Free
- 1 Pneumatic AMP press SM-3
- 1 ACE KISS 104 automated selective solder machine
- 1 Electrovert Aquastorm 200 20" semi-aqueous cleaning system
- 1 Electrovert Aquapak H400 20" aqueous cleaning system
- 2 Q Corp. lead trimming machines
- 1 Pace 2700TF BGA rework station
- 2 Air-vac rework station Lead and Lead-Free
- 1 PVA SMT 2000 programmable dual head epoxy dispensing system
- 1 PVA 2000 automated conformal coating system
- 2 Conformal coating spray booths
- 2 Despatch ovens
- 1 50 Nikon Microscopes
- 1 Cencorp TR1000 router /depaneler
- 1 CAB Maestro 4M depaneler
- 1 Stegtrenner Hekter depaneler
- 1 Creative Automation ADM-2200 dispensing system
- 2 Dymax 200 and 400 Watt UV curing systems

Quality Control Equipment

- 7 Automated Optical Inspection (AOI) Stations Agilent sj5000
- 1 Super Scope 2000
- 1 Omegameter 600 SMD ionic contamination tester
- 2 Chatillon force measurement/pull tester
- 1 Mitutoyo Digimatic height gage w/granite surface plate
- 1 Mountz Torquelab Analyzer
- 1 HIOS HP-10 Digital Torque Meter
- 1 Wayne Kerr meters 4235 and 4237

Manufacturing/Purchasing Computer System

Altron uses an integrated state-of-the-art MRP II system
Bar code scanners are used to track customer orders

Cable and Harness Processing Equipment

- 2 Eubanks Model 2700 cutters and strippers
- 2 Eubanks automatic wire and tubing cutters
- 1 Cable Eye Model M3 resistance and continuity tester
- 1 Panduit automatic tie wrap machine

Assortment equipment for processing different types of cables, such as ribbon, coaxial and flat cables.

Test Equipment

- 2 Agilent 3073 Series II In-Circuit tester w/testjet & advanced boundary scan
- 1 GenRad 2286 In-Circuit tester w/opens express & boundry scan
- 1 Scorpion flying probe tester FLS810D
- 1 Walk-in Elevated temperature chamber
- 1 Tenney Model T64C-6 temperature chamber fast ramp
- 1 Tenney Model T30C temperature chamber
- 1 Espec Model ESZ-4CA temperature chamber fast ramp
- 1 Tektronic Digital Storage Scope Model 2230
- 1 Tektronic Digital Storage Scope Model 2221A
- 1 Hewlett-Packard 54610 B 500 MHZ Digital Storage Scope
- 1 Hewlett-Packard 1650A Logic Analyzer
- 1 BP-2510 concurrent programming system
- 1 Fluke Ti50FT Flex Cam Thermal Imager

Altron has an assortment of HP and Tektronix oscilloscopes with a wide range of programmable power supplies, frequency counters and function generators.



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