



Surface Mount Assembly

- 0201 – Ultra Fine Pitch QFP capabilities
- BGA, uBGA, MCM, QFN, DFN, LGA and CSP capabilities

Through Hole Assembly

- Semi-automated Preparation
- Automated Wave Solder & Selective Solder

Mixed Technology Assembly

- Single and Double Sided Mixed Technology Assembly (Types 1, 2 & 3)

Prototype Assembly

- Quick Turn Prototype Assembly
- DFM Review Services

Automatic Optical Inspection

- SMT Assemblies

IPC Standard Workmanship

- IPC-A-610F (Acceptability of Printed Circuit Board Assemblies)
- IPC-CM-770E (Mounting Of Electronic Components)
- Lead Free & RoHS Compliant

ESD Program

- Dissipative Floor Finish
- Grounded Work Stations
- ESD Testing Station with log

Equipment and Facilities (Over 10,000 sq. ft. Manufacturing Facility in New Jersey)

(1) I-Pulse M1 Plus Advanced Technology Pick and Place

Full Vision on the fly with 3 Sigma Placement Accuracy
0201 - Ultra Fine Pitch QFP capabilities
BGA, uBGA, MCM and CSP capabilities

(4) I-Pulse M2 Plus Advanced Technology Pick and Place

Full Vision on the fly with 3 Sigma Placement Accuracy
0201 - Ultra Fine Pitch QFP capabilities
BGA, uBGA, MCM and CSP capabilities

(4) DEK 248 Semi-Auto Vision Enhanced Printers

(1) DEK Horizon 8 Fully Automatic Printer

(1) Aqueous Technologies Millenium Series Closed Loop (D.I.) In-Line Cleaner

(1) Air-Vac DRS24 Rework Machine

(1) TD Nu-Era MP “Lead Free” Wave Soldering Machine

(1) TD Dual Wave Soldering Machine

(1) Ace K.I.S.S. 104 Selective Soldering Machine

(2) Samsung VSS-3B Automatic Optical Inspection Machines Component Placement, Component Position, Polarity and Solder Joint Inspection

(1) I-Pulse K2L Automatic Optical Inspection Machines Component Placement, Component Position, Polarity and Solder Joint Inspection

(1) I-Pulse K2H-L Automatic Optical Inspection Machines Component Placement, Component Position, Polarity and Solder Joint Inspection

(1) Heller 1707MK111 7 Zone Convection Reflow Oven

(3) Vision Engineering TS4 Stereo Dynascopes

(2) Extra Eye First Article Automatic Inspection Machines

When every placement counts, you can count on us.

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“Medco has multiple locations in Long Island that offer additional capabilities to accommodate your expanded requirements for capacity”