

Lines Represented for
Printed Circuit Board
Assembly & Repair

ASSEMBLY
RESOURCE



Semiconductor & SMT Assembly
Equipment and Materials

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**In-Line 3D Solder
Paste Inspection**

ViTechnology – with up to 80% of all SMT defects attributable to the printing process, Vi's structured light system offers unequalled Defect Reduction & Ease of Use.



**PCB Conveyors &
Handling, Benches &
Assembly Lines**

Pro-Mation offers a full line of **Conveyors & PCB Handling Equipment** for Electronics Transport & Assembly, as well as **Work Benches, Manual Assembly & Technical Furniture**.



**Extreme Value in SMT
Pick & Place**

Mirae offers the very best **Value for SMT Pick & Place Systems**. Since the early 1990s they have made industry leading placement machines for OEMs like Quad & Tyco.



**Extreme Performance
in SMT Pick & Place**

Hitachi High Technologies offers **Ultra Performance SMT Pick & Place Systems**. As the inventor of the Turret Head, the latest Sigma platform offers unequalled performance.



**Automated Optical
Inspection - AOI**

ViTechnology is an acknowledged industry leader in AOI. With more than 1500 systems installed world-wide, they offer the fastest, most accurate & repeatable systems available.



**Vapor Phase Reflow
Technology**

ASSCON offers the latest generation of Vapor Phase Reflow Systems. With 1000+ systems installed, they are the industry leader, and offer Lab Style up to Full Volume Production Units.



**Solder - Desolder
Fume Extraction,
BGA/CSP Rework**

Pace is a worldwide supplier of **Soldering, Desoldering & Conductive Rework Tools**. Power Supplies, Hand-Pieces & Solder Tips offer great Performance & Value.



Selective Solder

Ebso offers a complete line for **Selective Soldering Machines**, from manual rework stations to stand alone batch type machines, up to fully automated soldering systems.



**Robotic Soldering
Laser - Iron Tip and
Assembly**

Pro-Mation manufactures solutions for **Robotic Selective Laser & Iron Tip Soldering**, as well as fully automated **Pick, Place, Dispense & Reflow Assembly** systems.



**Screen, Stencil, Mis-
Print & Solar Cleaning
Technology**

Kolb Cleaning Technology offers systems featuring innovative technology combined with process optimized detergents to exceed current & future cleaning requirements.



**Fully Automated Laser
Marking & Label
Placement**

Pro-Mation also offers PC controlled systems for **Laser Marking & Label Placement**. Simple Table Top units, up to Full in-line solutions are available for many applications.



**Routers - Depanel &
End of Line
Automation**

Getech Routers-Depanel Systems provide best in class Accuracy, Flexibility & Production Throughput. Other EOL units include: Marking, Gauging, Labeling & Odd-Form Assy.



**XRy - 3D & CT
Inspection - Scanning
Electron Microscopes**

SEC Engineering offers outstanding performance & value in **X-ray Inspection & SEM Systems**. CT imaging is available on PCBs up to a full 18" x 20" (no destructive requirements).



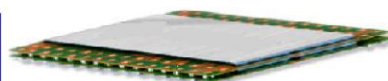
**Assembleon Machines
& Feeders - Recertified
Used SMT Equipment**

EuropeSMT & KVMS offer Assembleon factory warranted New & Recertified SMT Machines & Feeders. They provide fully supported Used & Refurbished SMT Equipment.



Lines Represented
for Micro-Electronics,
Opto, Solar & MEMS

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**Precision Dicing
Saws & Peripherals**

Advanced Dicing Technology, ADT, offers the most accurate and flexible [Dicing Saws, Blades & Peripheral Equipment](#) for cutting Silicon, QFN, Glass & other Materials.



**Plasma Clean, Etch &
Ash Technology**

PVATePla, is the recognized leader in [Micro Wave and RF Plasma Cleaning Technology](#) for a wide variety of microelectronics applications & processes.



**Bond Testers for Pull,
Shear and Solar**

XYZTec offers superior performance & flexibility in leading edge technology for [Bond Testers](#). Systems are available standard testing, high speed, high force & large area tests.



**XRay – 3D & CT
Inspection - Scanning
Electron Microscopes**

SEC Engineering offers outstanding performance & value in [X-ray Inspection & SEM Systems](#). CT imaging is available on PCBs up to a full 18" x 20" (no destructive requirements).



**Screen & Stencil
Printers for Micro-
Electronics**

Assembly Resource, through our extensive industry knowledge & relationships, offers a complete line of Screen and Stencil Print equipment, both new and used.



**Screen, Stencil, Mis-
Print & Solar
Cleaning Technology**

Kolb Cleaning Technology offers systems featuring innovative technology combined with process optimized detergents to exceed current & future cleaning requirements.



**High Precision
Placement, Bonders
& Assembly**

Tresky supplies innovative [placement systems](#), with accuracy to better than 1 micron, for [Die Attach, SMT, Hybrid, MCM, COB, Flip-Chip, Optoelectronic & MEMS](#).



**Ultra-High Accuracy
Placement, Bonding
& Assembly**

Amicra offers the [Highest Accuracy Placement](#), Bonding and Assembly Systems available. Capabilities include placement to ¼ micron and up to 5000+ Units Per Hour.



**Fully Digital Semi-
Automatic & Manual
Wire Bonders**

TPT Wire Bonders offers Manual & Digital Semi-automatic Wire Bonders. They have flexibility for both Wedge & Ball Bonding, 17 to 500um wire with Deep access & Long Reach.



**Vapor Phase Reflow
Soldering**

ASSCON, with batch style lab systems & High Volume In-Line units, is a world recognized leader in the newest generation of [Vapor Phase Reflow Technology](#).



**Auto DryBox
Humidity Control
Desiccater**

Eureka Auto Dry Boxes & Fast Super Dryers feature full automation and friendly design. Eureka also saves cost, time and reduces power consumption.

