

Production Technology

Quality Solutions for Electronic Assembly

Line Card
6/1/17

Rework and Repair

Air-Vac

SMT attachment and rework equipment for QFPs, BGAs, Micro BGAs, CSPs, Flip Chips, SOs, PLCCs and connectors. Also semiconductor, Photonics, Micro Assembly, Component packaging, Kitting and sorting, Robotic die attach and microelectronics dispensing.

Conveyors

Flexlink

PCB Conveyors, peripherals and workstations through Essemtec

Placement Equipment

Essemtec

Essemtec is a worldwide leader in manufacturing of highly flexible Surface Mount Technology (SMT) production equipment. Essemtec systems are optimized for maximum flexibility. The user can switch from one product to another and get maximum use of production capacity. Essemtec unique in the combination of placement and high speed dispensing in a single platform. Essemtec also provides various models of SMT storage systems.

Automated Inspection Equipment

Machine Vision Products

MVP provides bench top and in-line AOI systems for Assembled PCB inspection. Coverage includes solder paste, pre-reflow, post-reflow/wave, and inspection of SMT and mixed technology boards. MVP offers 2D and 3D inspection and state of the art, user friendly, measurement and process control capabilities.

Flying Probe and Automated Test Equipment

Digital Test Equipment

Digital Test develops and manufactures automated and Flying Probe test equipment for electronic printed circuit boards including software for production automation and quality management systems.

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Ultrasonic Flux and Spray Systems

Sono-Tek Corporation

Sono-Tek Corporation is the world leader in ultrasonic spray systems for wave solder and selective solder machines. It provides very low maintenance and non-clogging systems for easy integration with all major wavesolder and selective solder machines.

Automated Material Control

Cogiscan

Cogiscan is focused on automating material control for electronics manufacturing. Cogiscan is an industry leader in WIP and Inventory Tracking, Traceability, Line Set-Up Validation, and MSD Control.

PCB Printing

Essemtec

Automated, Semi- automated and Manual Printers

Automated Soldering

MTA Automation

MTA Automation is a worldwide leader in the field of automated soldering. MTA'S platforms range from manual stations to semi-automatic tabletop robots and fully automated assembly lines.

Aqueous Cleaning

Technical Devices

Wave soldering, aqueous cleaning machines (both batch and inline)and DI systems.