

# *Production Technology*

*Quality Solutions for Electronic Assembly*

Line Card  
2/21/18

## **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

## **Placement Equipment**

### [Universal Instruments](#)

Universal Instruments Corporation designs and manufactures advanced automation and assembly equipment solutions for the electronics manufacturing industry. The company offers a portfolio of flexible platforms for surface mount, through-hole, advanced semiconductor packaging, light mechanical, and final assembly.

## **Automated Inspection Equipment**

### [Omron](#)

Omron provides Batch 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. Omron offers 2D and 3D X-ray inspection Systems with process control capabilities.

## **Flying Probe and Automated Test Equipment**

### [Digitaltest Equipment](#)

Digitaltest 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.

## **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 and Wave Soldering**

### [Technical Devices](#)

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