



# Quality Associates

[www.qa-rep.com](http://www.qa-rep.com)

Michigan Line Card

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## EUROPLACER

[www.europlacer.com](http://www.europlacer.com)

- SMT assembly equipment
- Inline stencil printers (formerly SPEEDPRINT)
- SMD Storage Solutions
- Turn-Key SMT Assy lines



## BTU International [www.btu.com](http://www.btu.com)

- SMT Reflow and Curing ovens
- Vacuum Reflow ovens



## Solderstar [www.solderstar.com](http://www.solderstar.com)

- Thermal profiling systems for reflow, wave, selective, vapor phase.



## HENTEC- RPS Automation [www.rpsautomation.com](http://www.rpsautomation.com)

- Selective Solder Systems
- Automated Lead Tinning systems



## SCS- Specialty Coating Systems

[www.scscoatings.com/equipment/](http://www.scscoatings.com/equipment/)

- Dispensing & conformal coat systems
- UV and Thermal curing ovens
- Ionograph cleanliness test systems



## CTI Systems

[www.ctisystems.net](http://www.ctisystems.net)

- Material handling- PCB conveyors
- Laser Marking Systems
- PCB Routing Systems
- Custom automation systems



## Aqueous Technologies

[www.aqueoustech.com](http://www.aqueoustech.com)

- Stencil washers and batch washers
- Ionic Contamination tester



## IP Systems [ip.systemsusa.com](http://ip.systemsusa.com)

- Process fume extraction systems



## OMRON Inspection Systems

<http://inspection.omron.us>

- 3D SPI/AOI/AXI- Qup Navi connected!



## TERADYNE [www.teradyne.com/pbt](http://www.teradyne.com/pbt)

- Production board test systems and automation solutions ICT testing.



## VJ ELECTRONIX [www.vje.com](http://www.vje.com)

- X-ray inspection systems
- X-Quik X-ray parts counter
- BGA rework systems



## INOVAXE [www.inovaxe.com](http://www.inovaxe.com)

- Smart reel/component storage
- Modi smart incoming receiving table
- Smart stencil storage systems
- Smart bulk storage solutions



## MP Dry Cabinets

[www.dry-cabinet.com](http://www.dry-cabinet.com)

- Dry and baking cabinets



## FANCORT [www.fancort.com](http://www.fancort.com)

- Presses, lead forming
- Japan UNIX- Robotic soldering systems and laser soldering
- AUTOBLOCKS- Modular Automation Solutions [www.autoblocks.co](http://www.autoblocks.co)



## AEGIS Software

- [www.aiscorp.com](http://www.aiscorp.com)
- FactoryLogix- MES



## EVS International

[www.solderrecovery.com](http://www.solderrecovery.com)

- Solder recovery systems. Dross=\$



## Kurtz-Ersa Semicon

<https://kurtzera.com/products/electronics-production/semicon>

- Semiconductor fabrication systems



## JBC Tools [www.jbctools.com](http://www.jbctools.com)

- Soldering stations and rework/repair systems
- Benchtop Fume extraction systems
- Automated Solder Robots
- JBC Net- Industry 4.0 station networking



## MicroCare [www.microcare.com](http://www.microcare.com)

- Electronics chemistries for cleaning
- Flux removers and Flux pens
- IPA wipes and stencil wipes



## Transforming Technologies

[www.transforming-technologies.com](http://www.transforming-technologies.com)

- ESD Control products
- ESD Test/measurement equipment



## Conductive Container- CCI

[www.corstat.com](http://www.corstat.com)

- ESD packaging- boxes/bins
- Custom ESD packaging



## Swanstrom Tools

[www.swanstromtools.com](http://www.swanstromtools.com)

- Precision hand tools- pliers & cutters
- Rubis precision tweezers
- Jokari wire processing tools



## Treston IAC

[www.treston.com](http://www.treston.com)

- Workstations, benches, chairs, shelving, lab furniture, trolleys, and carts



## OC White [www.ocwhite.com](http://www.ocwhite.com)

- LED and fluorescent magnifier lights
- Microscopes and video inspection



## AIM Solder [www.aimsolder.com](http://www.aimsolder.com)

- Solder paste, wire, flux and bar solder
- SMT epoxy and underfill products



## HT Global Circuits

[www.htglobalcircuits.com](http://www.htglobalcircuits.com)

- PCB Fabrication- bare board
- US and offshore sites- ITAR Cert



# Quality Associates

## Putting all your electronic assembly needs together!



Solder products



Intelligent stencil storage systems



Stencil washer, Batch PCB wash



SMD X-ray Parts Counter



Intelligent component storage carts



Component storage towers



Dry storage cabinet system

Process fume Extraction systems



PCB Fabrication



Magazine Unloader

Bare board loader



Laser Marker



Stencil printer



3D SPI- Solder Paste Inspection



High Flexibility SMT Placement Low/Med/High volume



3D Pre Reflow AOI



Convection Reflow ovens

solderstar\* Thermal Profiling system



3D Post Reflow AOI



Inline ICT Test



Magazine loader



Stencil roll wipes



Workstations, Benches, cabinets



ESD packaging, bins, Racks, handlers, etc.



ESD mat, straps, Test equipment and supplies



LED Magnifier lights Microscopes Task lights



Soldering/rework systems Benchtop fume extraction



Wire solder and rework flux



Electronics chemistries, Cleaners, flux removers, Wipes, etc.



Pliers, cutters, tweezers, wire strippers



PCB racks, magazines, Lead forming, etc.



Process fume Extraction systems



Odd form placement



Selective solder systems



Robotic selective solder



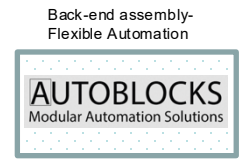
Robotic selective solder



Solder Dross Recovery Systems



PCB Router



Back-end assembly-Flexible Automation



Wave and selective thermal profiling system



Batch PCB wash



Conformal coating/dispensing and curing systems



Manual/auto/programmable X-ray system



3D AXI (automated X-ray Inspection)



ICT Test system



Semiconductor fabrication systems