



Specializing in the assembly, repair and cleaning of surface mount PC boards.



SMT/Odd form placement systems. Low volume to high speed chip shooter/flex machines. Batch and In-line selective solder machines.

Failure analysis, SEM, x-ray, cross section, test and inspection



Weller

Solder, desolder and PCB rework tools. Hot air and BGA/CSP rework equipment. Fume extraction equipment

X-ray parts/component counting systems.

Assure™

X-ray Component Counter



Flying probe and ICT, laser

Seica

The Road to Innovation



Bench-top and in-line X-Ray and AOI inspection systems. #D AOI inspection.



Lean manufacturing software supporting material flow, machine utilization, traceability and total factory monitoring.

Thermal profilers and automated profiling systems to optimize for highest quality and highest efficiency in the wave and reflow processes



Wire processing equipment for measure, cut, strip and terminate. Cable harness assembly and test equipment.

High-End 2D & 3D X-Ray Systems for Inspection & Failure Analysis. CT X Ray



Batch aqueous cleaning systems, Stencil cleaners, ionic testers, and DI water generators.

PCB Conveyors, line loaders and unloaders, PCB Laser marking.



a coesa company

Dross recycling systems to turn your dross into bar solder



Microscopes and digital inspection systems



SMT tape splicing tools, carts and splice tape.

The combined resources of MET Stencils and Finline Stencils. Chemical etch, laser cut and



Erem

Precision hand tools, tweezers, pliers, cutters, vacuum pickup tools, brushes, magnifiers and custom tools

Precision dispensing and conformal coating equipment. Curing ovens. 3D printers.



PCB production tools, wick, brushes, probes and under stencil rolls

State of the art solder training centers, SMT/TH/BGA soldering and repair classes. IPC certified and customized training.



Nitrogen Generation Systems that significantly reduce your nitrogen cost.

FCT Water-DI Water generation. Solder paste, flux, bar/wire solder, chemicals and adhesives. Solder and metals reclaim/recycling.



BGA Rework Stations and Through Hole Solder/Rework Equipment



Automated PCB De-panelers



Solder paste tester

Precision chemistries



ESD safe packaging, shipping and storage containers



Custom Fixtures and Tooling for Wave Solder, Reflow & Printing Processes.

Complete line of ESD products



Complete line of Desiccant chambers for dry storage. Optional heat and data logging