

MurrayPercival

**From Assembly Equipment
to Production Supplies**

*everything for your electronics
manufacturing and repair needs*

Call Percival to...
- Improve quality
- Increase my production rate
- Save \$
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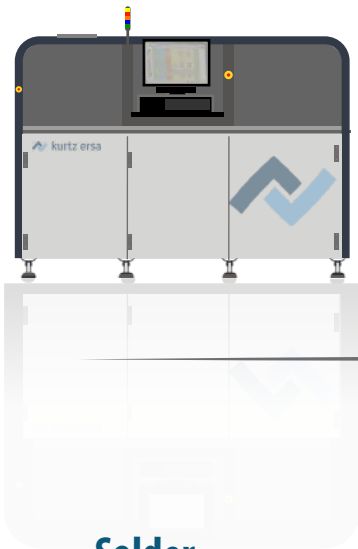
Assembly Equipment

We represent the below territories for our assembly equipment.
* indicates that the specific brand is not available in PA



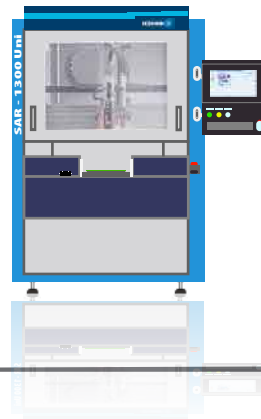
Selective Soldering

 kurtz ersa



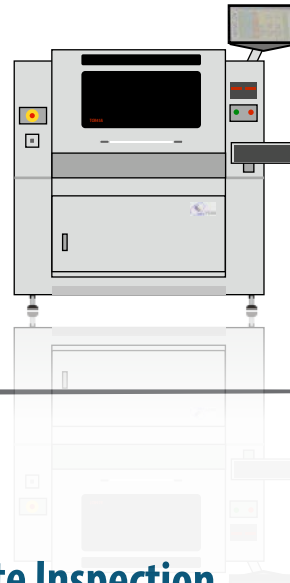
Routing

 SCHUNK



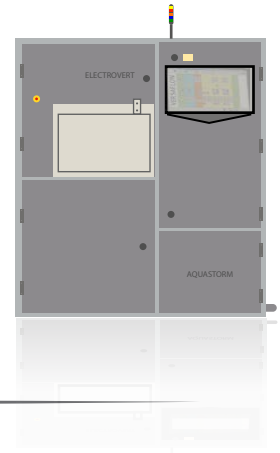
Conformal Coating

 TTnS



Cleaning

 Electrovert^{*}
 KYZEN
 REsys^{*}



Solder

 alpha
ASSEMBLY SOLUTIONS

Printing

 MPM
Electronic Assembly Printers  ITW EAE

Solder Paste Inspection

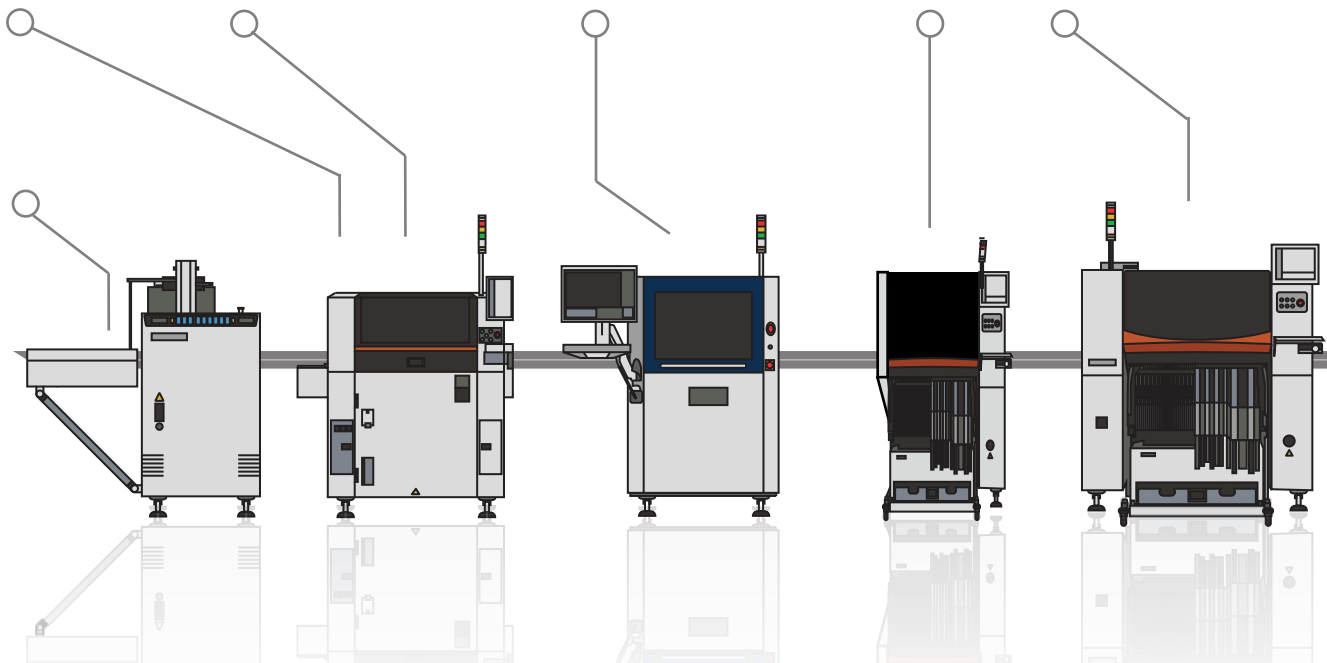
 MIRTEC

Component Placement

 Hanwha

Bare Boards

 Board Shark



Other Processes

BGA Rework



Component Storage



Programming & Testing



Nitrogen Generation



Ergonomic Lifts/Handling



Robotic Soldering



Board Support



Wire Processing & Stripping



Processes Control / Traceability



Wave/Reflow Soldering



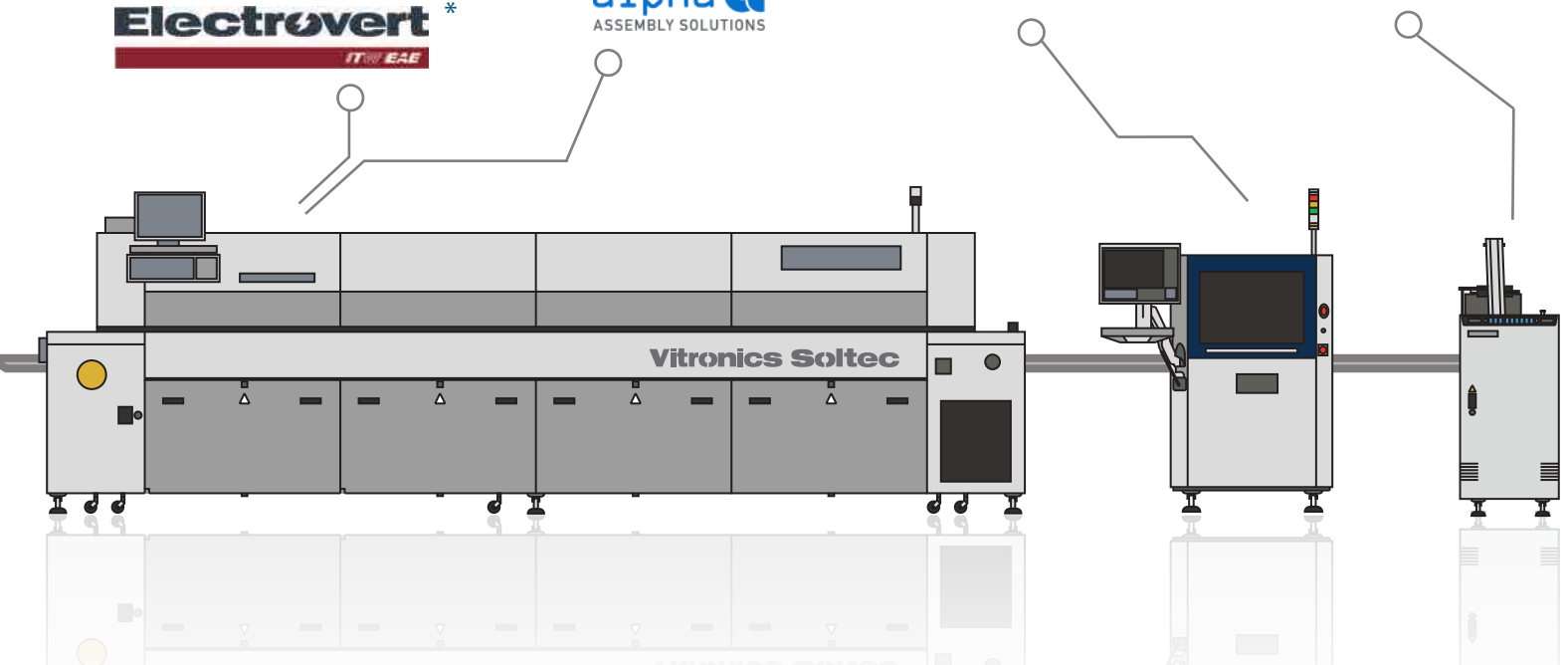
Fluxing



Final Inspection



PCB Conveying



Production Supplies



Pneumatic and electric screwdrivers, screw feeders, and torque measuring systems.



Bar solder, cored wire solder, solder paste, solder preforms, fluxes, cleaners and recycling services.



Vacuum sealers and assisted thermal bag sealing systems.



Tapes and masking boots for industrial manufacturing processes.



High performance and industrial tools for microscopy, inspection, and precision assembly.



IPC training, BGA rework products, solder paste stencils and circuit board repair services.



Bare Printed Circuit Boards including rigid, rigid-flex, and aluminum circuit.



Air cleaning solutions from source capture to ambient air, create better air quality in workplace environments.



Polyimide adhesive tapes and films.



ESD control products including grounding devices, mats, smocks, shielding bags, floor finish, ionizers, monitors and testers.



Stencil roll wipes, desoldering braid & solder accessories.



Smart ESD process control including monitors, ionization, test & measurement equipment and software.



Circuit board assembly, handling and storage racks.



Cleaners for electronic circuit assemblies and components for both batch and inline cleaning systems.



Electropneumatic dispensing systems, two-part mixing systems, syringes and needles.



Durable industrial workstations, workbenches, packing tables, lab furniture and seating.



Labeling solutions including blank thermal transfer labels, printers, pre-printed labels, screen-printed overlays, die cut parts and wire making solutions.



Economical digital and stereo microscope solutions.



Soldering tools - stations, rework, hot air, handpieces irons, cartridges and tips.



Environmentally responsible cleaning solvents, presaturated wipes, stencil roll wipes and squeegee blades.



Soldering stations, BGA inspection, solder baths and rework systems.



Dispensing pump bottles, ESD brushes, ESD document holders and work station organizers.



Carts, storage racks, and PCB material handling systems.



PCB cleaning solutions that are fast, efficient, safe and cost effective during rework, repair and assembly.



Illuminated magnifiers, microscopes and industrial lighting.



Production soldering irons, SMT repair systems, solder training and fume extraction equipment.



Soldering iron tips, sponges, desoldering wick and accessories.



Static protective storage containers for PCBs and components.



Fume extraction solutions for numerous processes including; hand soldering, cleaning systems, conformal coating, reflow ovens, wave and selective soldering, adhesive applications and laser marking.



Plastic storage containers as well as bin and wire shelving systems.



Precision dispensing equipment including robots, valves, dispensers, tips, syringes and more.



RTV Silicone based materials for gluing, sealing, potting and conformal coating.



SMD Splicing products, cover tape extenders, tape splicing and cutting tools.



Static control garments including lab coats, smocks, polos and aprons.



Cleaners, coatings & other chemicals and tools that improve efficiency, safety and performance in PCB assembly.



Soldering tip replacements for Metcal soldering irons.



Products that detect, protect eliminate and monitor electro-static charges.



Precision, U.S. made, high performance cutting tools and pliers for electronics and wire harness manufacturing.



Cleanroom supplies including; gloves, wipers, apparel (lab coats, coveralls, shoe covers, face masks), adhesive mats and documentation.

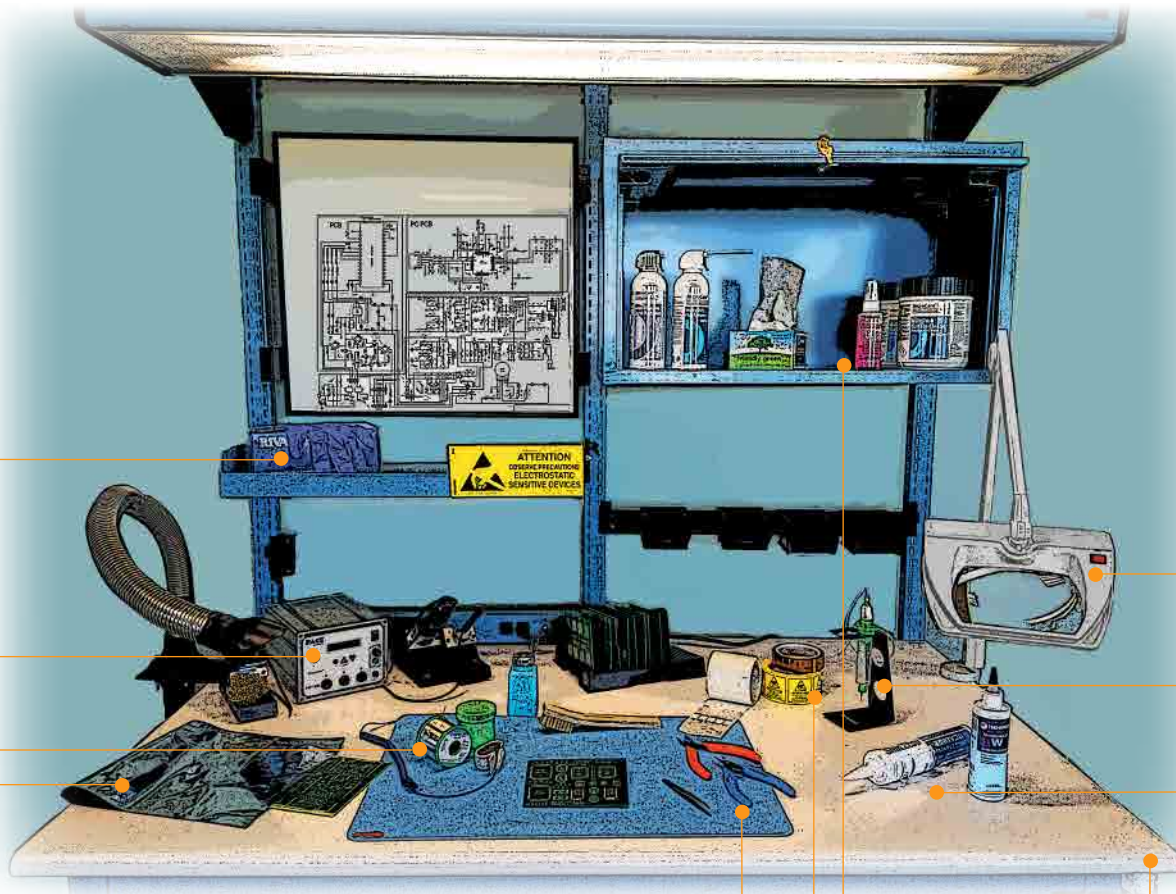


Anaerobics, cyanoacrylates, epoxies, urethane and ultra-violet adhesive technologies.



Unique ergonomic stereo microscopes and non-contact measuring systems utilizing eyepiece-less optical technology.

When it comes to MRO materials the Murray Percival Co. is your one stop shop. See below to view our production materials offering



ESD control

Wrist straps, heel grounders, testing equipment, smocks, bags, mats, hand lotion

Solder Materials

Bar solder, solder paste, wire solder, preforms, flux & flux paste, wave soldering aids

Solder Equipment

Soldering & desoldering systems, tips, fume extraction, handpieces, desoldering braid

Clean Room & Safety

Gloves, face masks, smocks, adhesive floor mats, footwear protection, lab coats

Tools

Cutters, tweezers, pliers, bits, drivers, torque testers, heat guns, wrenches

Labels, Tapes & Masking

Blank labels, preprinted labels, ribbons, tapes, dispenser & printers, custom label solutions

Cleaning Supplies

Flux cleaners, degreasers, wipes & swabs, stencil cleaners, brushes, aerosols

Material Handling

Bins & storage, shelving, carts & racks, component handling

Adhesives & Coatings

Conformal coatings, bonding & potting, gasketing, lubricants & sealants, thread lockers, thermal management

Dispensing

Robots, needles & nozzles, syringes & cartridges, manual & pneumatic dispensing, valves

Visual Inspection

Magnifiers, lighting & illuminations, microscopes, video inspection



Who are we?

We are the Murray Percival Company; we are a third generation family owned business that was founded in 1960 by Murray Percival Sr. This company was built off the core business principles of honesty, integrity, loyalty and just plain doing what's right.



Murray Percival Sr.

When you choose the Murray Percival Co, you benefit from a proven technical sales force to answer your questions and offer solutions; and most importantly, a partner with over 60 years of experience to save you time, reduce your costs and improve your processes.

www.murraypercival.com

www.mp-weknowhow.com

We make a difference by living our core values

- **Rooted in Loyalty** - Our reputation, dedication and long history of serving our customers, vendors and industry remains deeply rooted by our loyalty and dedication towards making the difference and always doing the right thing, regardless of the outcome.
- **Driven to Believe** - We welcome adversity and are faithfully driven by the belief that working with and through others, we can conquer and solve most anything
- **Connected Through Hard Work** - Our team is deeply connected through passion and hard work



We're Responsive with Definitive Answers



We Take Personal Responsibility



Authentic Team Support