



MurrayPercival

From capital equipment to consumables

*everything for your electronics
manufacturing needs*



"We know how..."

Capital Equipment

“We know how...”

- Cleaning and Conformal Coating
- Component Placement
- Component Storage and Material Handling
- Depaneling and Conveying
- Dispensing
- Screen Printing
- Wave and Selective Soldering
- Inspection and Testing
- Reflow Soldering



Leading the industry in non-destructive surface measurement tools.



Engineered material handling systems and ergonomic lifts that move, maneuver and hold objects too heavy or cumbersome for the unaided human.



Automated point to point soldering systems including desktop solder robots, in-line soldering robots, laser soldering robots and selective soldering systems.



3D solder paste inspection, automated optical inspection and Statistical Process Control (SPC) tools.



Wire harness and cable assembly and testing equipment.*



Parylene Coating Services, Inc. specializes in the application of Parylene polymer coatings for electronics, medical, aerospace and automotive industries.



Thermal monitoring and analysis technology devices and dry storage cabinets. The MOLE temperature profiler is used in setup and control of soldering system, baking processes and many other thermal processes.*



Worldwide leader in manufacturing highly flexible Surface Mount Technology (SMT) production equipment for low to mid volume production, SMT reel storage and dispensing systems including solder paste jetting.



Wire cutting, stripping, and marking equipment.*



IBL patented Soft Vapor Phase (SVP) technology provides total process control, supporting a wide range of temperature controlled soldering profiles.



Selective soldering system, wave solder systems, reflow ovens, hand soldering systems, SMT rework and inspection systems.*



Material handling systems and conveyors specializing in both the PCB production process and the automation of back end assembly lines. Laser marking and label applying systems.



Unique turnkey material handling systems specializing in both the PCB production process as well as the automation of back end assembly lines.



On Site Gas designs and manufactures oxygen and nitrogen PSA and membrane gas generation systems.



Wave solder pallets, SMT process carriers, conformal coat fixtures, press fit support fixtures and precision machined parts.



The new "gold standard" in compliant SMT support tooling. Highest holding force, largest support per pin, and simple, reliable controls.



Fully integrated water purification and effluent management equipment. Batch, inline, heat exchange and heavy metals filtering.



Semi-automatic PCB optical inspection and image archiving systems. Increases speed and accuracy of manual visual inspection.



PCB board routing and automated robotic assembly work cells.



Component SMT placement equipment and turn key production lines including screen printing, reflow ovens and conveying systems.



Ultrasonic spray fluxing and EVS solder recovery systems.



ACCEL – Centrifugal batch cleaning systems
 CAMALOT – Dispensing equipment.
 ELECTROVERT – Wave solder, reflow and aqueous cleaning systems.
 MPM – Solder paste and SMD adhesive screen printing equipment.*



Ultra-low humidity drying and storage solutions for Moisture Sensitive Devices.



Conformal coating, micro-spray coating and curing systems.



Industrial X-ray inspection and 3D-CT inspections systems.*

* Not available in Pennsylvania

Distributed Products

“We know how...”

- Solder and Flux Products
- Cleaners and Cleaning Products
- Soldering, Desoldering and Rework Products
- Static and Controlled Environment Products & Tools
- Dispensing, Adhesives and Coatings
- Tapes, Labels and Masking Products
- Visual Inspection Products
- Material Handling, Storage and Work Benches



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

alpha

Bar, core solder, solder paste, solder preforms, soldering fluxes and flux touch up pens.



Vacuum assisted thermal bag sealing systems to package moisture sensitive parts and products.



Tapes and masking boots for industrial manufacturing processes.



A large selection of industrial hand tools and visual inspection systems.



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



Polyimide adhesive tapes & films.

DESCO

ESD and static control, protection, supplies and products.

EasyBraid Co.

Desoldering braid, replacement soldering tips, soldering stations, stencil roll wipes, and fume extraction systems.



Electrolube offers a vast array of products including thermal management materials, conformal coatings, encapsulation resins, electronic cleaning solutions and general maintenance products.

EMIT

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



Circuit board storage racks, assembly fixtures and depaneling systems.



Electro pneumatic dispensing systems, two part mixing systems, syringes and needles.



World's largest selection of industrial brushes.



Assembly benches, work stations and seating.



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

JNJ INDUSTRIES

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



Soldering stations, BGA inspection and rework systems.



Adhesives, sealants, potting materials, thread lockers.



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



Carts, storage racks, and PCB material handling systems.



Precision bench-top cleaning and stencil wipe materials.



Illuminated magnifiers, microscopes and industrial lighting.



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



Soldering iron tips, sponges, solder pots, de-soldering wick and accessories.



Static protective storage containers for PCBs and components.



Bins & bin storage systems.



Stereo zoom microscopes, fiber optic lighting, CCD camera and Video measurement systems.



Techcon Systems' fluid dispensing products are widely used in aerospace, automotive, electronics, telecommunications, medical device, solar energy and industrial applications throughout the world, helping improve manufacturing processes and increase customers' bottom line.

Distributed Products

“We know how...”

ShinEtsu

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



SMD component tape and reel splicing tapes and cover tape extenders.

STEINEL

Industrial heat guns, hot melt adhesives and gas torches.



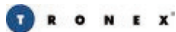
Lead cutters, pliers, tweezers and hand tools.



ESD garments and lab coats.



Cleaners, costings, and other chemicals and tools that improve efficiency, safety, and performance in circuit board assembly.



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



Clean room garments, gloves, wipes and tacky walk off mats.



Anaerobic, cyanoacrylates, epoxies and ultra-violet adhesive technologies.



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



Lead cutters, scissors, pliers, wire strippers, pneumatic cutters and forming tools..



Soldering irons, soldering tips, desoldering and soldering stations, reworkstations, fume extraction systems and heat guns.



It's about focus. It's about streamlining.
It's about the convenience and efficiency.
It's about saving you time and money.
That's **The Power of One**. And it's central to our philosophy here at **Murray Percival Co.**

We make a difference by living our core values Here's how:

- We do the right things to help others, always!
- We care about others and strive to build personal relationships.
- We are passionate about supporting others in any way we can.
- We love to share our knowledge to help find solutions to problems.
- We bring enjoyment, enthusiasm and fun to the job – every day!
- We bring people together.

How do we provide great value?

- Our supplier base is extensive. It's a great resource to help solve your problems.
- By adding even more value to this resource with decades of experience.
- By continually training our people, so they can help you faster.
- Interacting as a team all day long. There's no better knowledge bank when you need answers fast.
- Invest in technology to make our work efficient and our solutions effective.
- By supplying both materials and equipment to support your business growth and needs.
- Bending over backwards because we get great satisfaction by helping people.

While our exciting online business delivers the speed and focus advantages of **The Power of One** philosophy, our core business principles still apply: honesty, integrity, loyalty and just plain doing what's right. You can depend on it.

When you choose Murray Percival Co, you benefit from a convenient and efficient resource for thousands of MRO products and equipment at the very best prices; a proven technical sales force to answer your questions and offer solutions; and most importantly, a partner with over 50 years of experience to save you time, reduce your costs and improve your processes.

All this knowledge, resource and expertise is focused in one place and delivered with enthusiasm - That's **The Power of One**.



Murray Percival

Discover it for yourself! Log on and look.
www.murraypercival.com



evp

Enhanced Vendor Partnership

powered by

STORM

Automated VMI