



Z TECH SERVICES

Line Card 2019



AEGIS is the world leader in factory software, including FactoryLogix, and the leading provider of innovative solutions to improve speed, control and visibility throughout manufacturing operations. Founded in 1997 by two Manufacturing Engineers, Aegis provides world-class software in over 1700 factories in the electronics, medical, automotive, military and aerospace industries.

www.aiscorp.com/en/



From Wave Solder and Selective Solder Pallets, SMT Fixtures, Screen Printer Tooling, Press Fit Tooling, Feeder / Stencil Storage Carts, Final Assembly Tooling, Functional Test Fixtures and Build to Print Services. **AGI** provides world-class customer service.

www.agicorp.com



AGI is committed to delivering a superior stencil. By integrating DEKs proven manufacturing processes, quality control procedures and supply chain, we produce a stencil that will maximize throughput and yields.

<http://www.agicorp.com>



Advanced Package Rework (APR) offers a product line of convection rework machines used to remove and install surface mounted devices and clean circuit board component pads. The Scorpion Rework System desolders, places, and solders miniature components and bottom terminated SMT devices such as BGA, CGA and QFN. The Scarab Site Cleaning System cleans circuit board component pads autonomously without contact.

APR-Rework.DESCOIndustries.com



Automated fluid dispensing, jetting and conformal coating systems from **Nordson ASYMTEK** are ideal for many operations: printed circuit board assembly, semiconductor packaging, and other precision assembly processes for LEDs, flat panel displays, automotive products, medical/biotech products, solar products, fuel cells, and electro-mechanical devices. ASYMTEK sets the pace of innovation for dispensing and conformal coating products. The company is ISO 9001:2008 certified.

www.nordsonasymtek.com



Aven Tools - Video Inspection and measurement, Microscopy, Illumination and Magnification. Aven has been serving the industrial marketplace since 1983. They offer a comprehensive product mix to meet the needs of the industrial marketplace, including electronics, telecom, and biotechnology.

www.aventools.com



Botron is a world leader in ESD products. The ELITE Tester is state-of-the-art in both features and capability. The SMART Ionizer line is the only self-monitoring ionization line in the market.

www.botron.com



BTU International is global supplier and technology leader of advanced thermal processing equipment and processes to the electronics and alternative energy manufacturing markets. BTU equipment is used in the production of SMT printed circuit board assemblies and in semiconductor, solar cell and nuclear fuel manufacturing.

www.btu.com



Cablescon, Inc. is a leading manufacturer of automatic test equipment for wire harnesses. It manufactures a wide range of continuity testers and custom fixtures with simple, easy to use test software.

www.Cablescon.com



CAIG Laboratories offers an extensive array of cleaners, lubricants, enhancers, preservatives, and accessories for electronic, electrical and mechanical applications. CAIG's familiar and trusted DeoXIT® products are environmentally safe and CAIG is constantly developing new products and applicators.

<http://caig.com/>



CyberOptics Corporation is a leading provider of AOI and SPI process yield and through-put improvement solutions for electronics assembly. We offer tabletop, in-line and stand-alone measurement and inspection systems.

www.cyberoptics.com



CheckSum, LLC is a leading supplier of in circuit test and on-board gang programming systems and services to the worldwide electronics manufacturing industry. Products and services include systems, test fixtures, and programs that detect manufacturing process faults on complex SMT printed circuit assemblies.

CheckSum's MultiWriter is the leading on-board flash programming technology in the ICT industry, capable of programming 384 devices in parallel. CheckSum's unique approach is geared toward helping manufacturers lower costs with higher throughput and more capability at ICT.

<http://www.checksum.com/>



ECD is a worldwide leader in thermal profiling technology, methods and equipment. Our **M.O.L.E.®** thermal profiling systems are value-packed powerhouses relied upon for in-transit thermal process profiling. The advanced thermal profiling technology incorporates massive memory capacity and functionality with simple controls to enable thorough, yield-enhancing thermal process measurements.

www.ecd.com



EMS Adhesives is committed to designing their customers' specific adhesives to fit their application needs. Since 1993 they have formulated state of the art acrylics, epoxies, silicones, and urethanes. They are a market leader providing innovative and cost-effective solutions for original equipment manufacturers.

emsadhesives.com



Since 1956, **Eubanks** has developed and made innovative products designed to give the world better ways to process wire and test wiring assemblies. Known worldwide for innovation and for productivity and product reliability.

www.eubanks.com



GEN3 is a supplier of reliability test equipment for SIR, Cleanliness and Solder Wetting, plus automated dip conformal coating equipment. The **Gensonic** direct ultrasonic contact cleaning is the ultimate way to clean SMT stencil apertures.

www.gen3systems.com



Hover-Davis feeding solutions are compatible with most major SMT platforms, including Fuji, Panasonic, Universal Instruments, Siemens, Juki, Samsung, and Assembleon.

HoverDavis.com



The World's Leading Developer of Screen/Stencil Print Accessories. **JNJ Industries** is the manufacturer of GlobalTech®, a line of environmentally responsible solvents and cleaning products for industries including high technology, automotive, aerospace, electronics, and industrial manufacturing. They also feature JNJ designed OEM specification squeegee blades, holders, and understencil rolls.

www.jnj-industries.com



KOKI provides the global electronics industries with organic chemical technologies, including halogen free chemistry, powerful wetting/anti-HIP, low voiding, 3D / micro assembly materials, and high reliability flux systems. Expertise in various solder alloys include heat-stress resistant alloys, low cost/low Ag alloys, low melting point alloys, and hybrid joint material A-FAP™. Technical service is free to Koki users.

www.ko-ki.co.jp/en/



Metcal, the exclusive supplier of SmartHeat® Technology, is a global supplier of professional grade soldering tools and equipment for production assembly which are innovative, reliable, and easy to use. Let Metcal boost your productivity.

OKinternational.com



Mid-America Tape and Reel provides a tape and reel service to the electronics industry. Mid America also provides memory and flash programming, custom trays, lead forming, kitting, and other services. Mid-America is committed to being the fastest, best full service taping organization in the World.

www.matr.com



Osai presents the Neo platform, comprising flexible, fast and reliable systems for laser depanel, laser marking and spindle router depanel. The Neo platform has been designed to supply the electronics market with a wide range of systems and processes. The Neo system body guarantees high stability and rigidity, offering a strong base with which to achieve high performance in speed and accuracy.

www.osai-as.it/site/en



Pillarhouse is a world leader in the design and manufacturing of selective soldering systems from hand-load (batch) processes to fully automated high-speed lines. Pillarhouse manufactures a wide range of modular and hand load equipment to fit the changing marketing market needs of today.

www.pillarhouse.co.uk/



SmartDRY™ desiccant dry cabinet, for the storage of surface-mount technology (SMT) components with a Moisture Sensitive Level (MSL), intelligently maintains a low relative humidity (RH) as required by the IPC standard J-STD-033 while preventing electrostatic discharge (ESD) using durable electrically conductive powder paint surfaces over steel construction.

www.smartdry.com



Sumake professional pneumatic tools, compressors, and accessories are among the most innovative, energy efficient, durable, and reliable products on the market today. CE-certified and manufactured to ISO 9001 quality management standards, their air tools are ergonomically designed to ensure accuracy, maximum control and comfort, and are built to last.

www.sumakenorthamerica.com



Universal Instruments Surface Mount products span a broad spectrum of placement capability ranging from the smallest SMD passives to the largest BGA packages. The modular platform provides the ability to quickly and easily change with today's flexible manufacturing environment. **The Polaris brand from UIC** offers a broad range of state-of-the-art manufacturing solutions including component and die processing, add form and final assembly, transport systems, flexible process cells and peripherals.

www.uic.com



XRH Count is the leading contactless counting system for electronic components. To prevent production line stops the system delivers the exact amount of components directly into the warehouse management databases. Combined with an unmatched speed and accuracy this system will revolutionize slow and costly processes.

VisiConsult.de



YXLON is the leading supplier of X-Ray inspection and CT solutions for non-destructive testing of materials and electronics. The **YXLON Y.Cheetah** and **Y.Cougar** offer effortless high-quality X-Ray imaging for a wide range of inspection tasks. The **Y.Cheetah** and **Y.Cougar** combine proprietary **FeinFocus** technology with advanced high-speed flat panel detector technology, including QuickScan mode.

www.yxlon.com/Applications/Electronic

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