



Z TECH SERVICES Line Card 2011



From Wave Solder and Selective Solder Pallets, SMT Fixtures, Screen Printer Tooling, Press Fit Tooling, Feeder and Stencil Storage Carts, Final Assembly Tooling, Final/Functional Test Fixtures and Build to Print Services, AGI produces highest quality products backed by world-class customer service. <http://www.agicorp.com>



ASYMTEK

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 other electro-mechanical devices. Nordson ASYMTEK sets the pace of innovation for better dispensing and conformal coating products with Spectrum™ dispensing and coating platforms and DispenseJet® and PreciseCoat™ valves and applicators, all supported by an outstanding global support network. The company is ISO 9001:2008 certified.. www.nordsonasymtek.com



AVEN

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, telecommunications, and biotechnology. They also offer a variety of services such as product assembly, custom parts and tooling, and warehousing. www.aventools.com



Cablescan, Inc. is a leading manufacturer of automatic test equipment for wire harnesses. It manufactures a wide range of continuity testers and custom fixtures. www.Cablescan.com



CyberOptics Corporation

is a leading provider of market-based process yield and through-put improvement solutions for the global electronics assembly market. We offer stand-alone measurement and inspection systems used in the SMT electronic assembly market for process control and inspection. www.cyberoptics.com



HEAT SHRINK TUBING THERMOSLEEVE-USA manufactures and supplies a wide variety of standard and custom heat shrink products for your various application and industry requirements. We have the industry's widest range and largest inventory of heat shrink tubing products, Superior logistics, including same-day shipping and Fast-turn manufacturing of custom configurations. en.cyg.com



DAGE

NordsonDage offers High resolution, Digital Real Time Imaging as well as CT imaging that will allow you to inspect for defects such as Head in Pillow, Opens, Cracks in Solder Joints and Voids. Also included is the ability to inspect BGA's automatically with any operator intervention. NordsonDage offer the BEST resolution and the most user friendly system in the industry.



Since 1956, **Eubanks** has been developing and making innovative products designed to give the world better ways to process wire and test wiring assemblies. Known worldwide for its innovation and for the productivity and reliability of its products. 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 those from Fuji, Panasonic, Universal Instruments, Siemens, Juki, Samsung and Asmbleon. www.hoverdavis.com



With 50 years of expertise HumiSeal is the World's Leading Manufacturer of Conformal Coatings! We offer a complete line of Coatings, Thinners, Strippers, Cleaners and Masking materials to fill all your Conformal Coating requirements. Through our extensive network of Distributors, Representatives and Licensees HumiSeal's full product line is available globally! www.humiseal.com



More than 75 years of specialized experience have placed JBC in the technological forefront for soldering equipment and tools. Innovation, efficiency and reliability are the key features of its wide range of products that have been designed to satisfy the most demanding professional needs. www.jbctools.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 which include high technology, automotive, aerospace, electronics, screen printing, and industrial manufacturing. The printer components line features both JNJ designed, and OEM specification squeegee blades and holders, and understencil wiping rolls. www.jnj-industries.com



JOT Automation is a leading manufacturer of turnkey PCB transport and handling systems. With extensive design and manufacturing experience in conveyors, loaders, buffers, lifters, turn units, in-line test handlers, robotics and pallet systems, JOT offers innovative solutions to PCB transport and handling problems. www.jotautomation.com



KIC Thermal Profiling is the leading manufacturer of Thermal Management Tools. Products include thermal profiling systems, process optimization tools and automated profiling and oven setup systems. Monitor your oven 24/7, optimize your equipment, and automatically calculate the proper oven recipe for your boards. KIC's award winning software includes a complete built-in SPC and Cpk package www.kicthermal.com



MET manufactures Electroformed Stencils, Laser Cut Stencils, and Chemically Etched Stencils for various solder paste and glue printing applications with the technology to provide stainless steel, nickel, step down, or step up solder masks, as well as tube, cast, Vector Guard, Wizard or any other type of stencil mounting system. www.mefassocs.com



Mid-America Tape and Reel, Inc. 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



Henkel's full line of electronics products includes **MULTICORE** Solder, solder paste and flux material, **LOCTITE** surface mount adhesives, conformal coatings, potting compounds, as well as thermally and electrically conductive adhesives, low pressure molding and **Hysol** encapsulants, under fills and die attach adhesives.

Henkel offers not only lead-free solder materials, but also a variety of compatible materials to meet your lead-free processing challenges. www.henkel.com



Cavist specializes in low pressure molding. The Moldman low pressure injection molding technology is the best equipment for dispensing Macromelt molding materials. Low pressure molding is an innovative manufacturing process between injection molding and potting. www.cavist.com



Universal Instruments Surface Mount products span a broad spectrum of placement capability ranging from the smallest SMD passives to the largest area array packages, and even include dispensing. Their modular platform lines provide the distinct ability to quickly and easily change with today's flexible manufacturing environment. www.uic.com

Unovis Solutions offers a broad range of state-of-the-art manufacturing solutions including but not limited to component and die processing, odd form and final assembly, transport systems, flexible process cells and peripherals. www.unovis-solutions.com



Zeta Instruments manufactures precision metrology systems that analyze high-roughness, low-reflectance surfaces for Biotech, solar cell, LED, MEMS and other micron-scale measurement applications. Their wide-field optical profilers can measure high-aspect-ratio features from millimeter to sub-micron range, and thicknesses down to 30nm. Zeta 3D imaging software produces true-color 3D feature maps in a fraction of the time of other microscopy systems. With Nomarski Imaging and Film Thickness Measurement options, the systems have the widest range, highest flexibility and best value in its class. www.zeta-inst.com