**Your First Choice for Environmental Test Equipment**

Production Test Systems has been supplying equipment and after sales service to the Semiconductor, Microelectronics, Aerospace, Automotive and Medical Device industries in the UK, Republic of Ireland, Europe, Scandinavia and Russia since 1989.

The team at PTS has many years of combined industry sales and service experience. We are here to provide only the best possible products and to support them with local service and spare parts supply, allowing you to best achieve your R&D and Production goals.

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**High Performance Test Handlers, Custom Automation & Board Repair Services**

Boston Semi Equipment are a world leading manufacturer of high performance test handler platforms. Offering gravity feed and turret systems for all current IC package types. Specialising in tri-temp, single-multi sites and MEMS (pressure) testing.

Also providing bespoke Custom Automation and Board Repair services.

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**Tenney, Blue-M, Lunaire & Gruenberg Environmental Chambers and Ovens**

Thermal Product Solutions are a long established manufacturer of thermal test chambers and ovens, with a proven track record of uncompromising performance and quality. TPS offer a thermal solution for almost every conceivable application. Including benchtop temp testing, product cure, humidity chambers, thermal shock & custom solutions.

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**MPI Thermal**

MPI Thermal are an industry leader in the field of high capacity thermal air stream systems that are used for temperature testing, fast thermal cycling and device characterization of components, hybrids, modules, PCBs, and other electronic and non-electronic assemblies at precise temperatures from -80°C to +225°C.

**High Performance Thermal Airstream Equipment**

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**Test and Burn-in Sockets, Burn-In Boards & Systems**

Loranger are one of the longest established manufacturers of sockets in the industry, with sockets tooled for most IC package types. Including QFN, BGA, µBGA, Discreet, Microwave, SOIC, PLCC and more.

Loranger also offer a full burn-in board design and manufacture service as well as complete life test systems.

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**Particle Impact Noise Detection (PIND), Shock & Vibration Test Systems**

B&W manufactures shock and vibration equipment for specific tests under MIL STD 883. B&W are the world leaders in PIND - Particle Impact Noise Detection systems, offering reliability, performance and features unmatched by competitors.

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**HIRAYAMA**

Based in Saitama, Japan, Hirayama have been manufacturing high reliability chambers since 1924 and have an install base featuring many of the world’s leading semiconductor companies.

**HAST & PCT Chambers, Steam Agers and Autoclaves.**

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**Portable Temp Forcing and Control Systems**

Silicon Thermal products offer the ability to control DUT temperatures from -55°C to +155°C for those in an office or lab setting with no access to dry compressed air supply. Ideally suited for fabless design companies or those with extended period tests where the use of a thermal airstream system may not be practical.

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**Centrifuges & Fixturing, Gross Leak Detection, Fine & Gross Leak Preconditioning Systems**

WEB Technology are manufacturers of environmental and reliability test equipment for the high rel, Military, Aerospace and Automotive industries.

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**High Performance, Low Cost, High Reliability Test Contactors**

HSIO Technologies specialize in providing high performance, high reliability, fine pitch, Gigahertz capable sockets for Laboratory, ATE & Production test environments.

Sockets available for all surface mount style components.

Semiconductor Equipment Corporation have been supplying equipment for the die separation/wafer saw area since 1975. They are widely acknowledged as the foremost manufacturer of Film Frame Mounting systems to the industry.

Film Frames, Grip Rings, Magazines & Shippers, Boat, Lead Frame & Stack (EOL) Magazines and Aluminium process tubes & rails.

A highly respected name throughout the semiconductor industry, Perfection Products manufacture a wide range of processing products catering for the all stages of the semiconductor manufacturing process from front-of-line through to end-of-line areas.

Nickel Bonded Dicing Blades and CMP Pad Conditioners

EHWA’s range of nickel bonded dicing blades are second to none in regards to cut quality, blade life and overall cost. Special formulations available to address problem areas such as front and backside chipping.

Resin & Electroformed Nickel Dicing Blades

NPMT manufacture high quality, free standing, resin and electroformed Nickel dicing blades for cutting of a wide variety of materials. Including Ceramics, crystallographic materials and Silicon.

Tweezers, Vacuum Pens (stand alone and in-house vacuum), Precision Hand Tools and Clean Room Accessories

Based in Switzerland, Sipel manufacture a range of high quality, precision handling tools including stainless steel, anti-magnetic, plastic, fiber & ceramic tipped (fixed and interchangeable) tweezers. A wide range of wafer handling and vacuum tools.

Fluids for Gross Leak Detection, Gross & Fine Leak Preconditioning Fluids

Galden fluids are perfluoropolyethers and contain only carbon, fluorine and oxygen. Among Galden’s properties are chemical and thermal resistance, non-toxicity, excellent dielectric properties, no flash or fire point and low viscosity.