

# A JUI MEMBER PRODUCT CATALOGUE

### WELCOME TO THE NMI MEMBER PRODUCT CATALOGUE

The NMI Member Product Catalogue is an opportunity for our members to promote their products and services to the TechWorks communities. This catalogue will be distributed to a range of experts within industry including: Automotive Electronics Sector, Manufacturing, Suppliers, Electronic Design, Power Electronics and more. NMI will release a Members Product Catalogue on a quarterly basis in order to highlight our members new products and services throughout the year.

Don't forget to click on the product listings for more information.

If you would like your organisation's new product or services to feature next time, please email <u>info@techworks.org.uk</u> for more information.



Champion for the UK Electronics Manufacturing and Electronic Systems Industries

### SiSTEM Technology

We offer a wide range of leading edge process tools and ancillaries, automation and consumables to the microelectronics and other high technology industries, throughout Europe.

www) sistemtechnology.com

🖂 ) sales@sistemtechnology.com

+44 (0) 1327 317 621

pice sun

#### FORTREND

Europe's leading supplier of 200MM SMIF load ports for the widest range of process tools. Sorters, EFEMs, Mass Transfer Systems, High Volume Cure Ovens, Stockers, Laser Marking and Automated Material Handling Systems for 300mm.

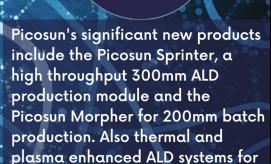


Photolithography wet process tools. Semi-automated and fully automated spin/spray coating, developing, baking or smart EBR. Also wet cleaning, post CMP clean, etching and metal liftoff. Substrates up to 21" x 21".

osiris

Bench Top Spin Coat, Bake , Develop & Clean. Process with confidence. Consistent, reliable results the first time, every time. Temporary Bond/De-bond Systems. X-Pro II Workstation.

Cost Effective Equipment







R&D and pilot production.



# Design the Future of Automotive

In the age of software-defined vehicles, Synopsys powers innovation from System to Software and Silicon to drive safety, security, reliability, and quality in the new automotive digital value chain.

Power Your Automotive Innovation with Synopsys

synopsys.com/automotive



#### **Powering the Era of Smart Everything** From Silicon to Software

From the chip to the cloud, Synopsys technology is at the heart of innovations that are changing the way people work and play. We help you meet new requirements for power, reliability, mobility, and security that are the foundation for Smart Everything. Usher in a new era of chips and software—and bring Smart Everything to life—with Synopsys.

www.synopsys.com



SIACO . Airrorcov

SIMCO

### **Static and Particle Contamination Control**

SIMCO

. . .

- Reduction of Yield Loss
- Better Product Quality
- Cleanroom Workflow Solutions

PMT (GB) Ltd. | Tel: +44 (0)1684 312950 | Fax:+44 (0)1684 312969 | email: info@pmtgb.com

## High Voltage, Pulsed Power & Power Electronics

PPM Power has been a leading specialist distributor of components and systems for high voltage, pulsed power and power electronics, in the UK, since 1994.

Products include power supplies, semiconductors, HV switches, capacitors and resistors, as well as programmable power supplies and cooling solutions to support applications including electric vehicles, subsea and analytical measuring devices. Many products are available as bespoke solutions - contact us to discuss your requirements.

#### **Power Supplies for Net Zero**

#### **Genesys+ Scalable Power**

High power programmable DC power supplies offering 10 kW in a 2U high package and 15 kW in a 3U.

#### AC Grid Simulators

AC power sources up to 4 MVA, for high-performance and multi-functional grid simulation.

#### **Automotive Test Systems**

Test bench energy systems up to 750 kW for R&D, quality assurance and EOL testing.

#### www.ppmpower.co.uk

#### +44 (0) 1793 784389

#### sales@ppm.co.uk



We are Adtec, the Plasma Technology Specialists. World leaders in the design and manufacture of high quality RF and DC Plasma Generation Equipment. Experts in atmospheric cold plasma technology R&D for academia and industry.

#### RF Plasma Generation DC Power Supplies Cold Plasma Technology



RF Plasma Generators Automatic Impedance Matching Units RF Coaxial Switch Boxes Coaxial Cabling Measuring Devices Technical Support

Customized to your process

Semiconductor, Flat Panel, MEMS, Solar



**Recently Launched** 

DC Power Supplies for Sputtering Deposition

Semiconductor, Industrial Coatings



Patented microwave plasma technology Non-thermal atmospheric pressure Anti-bacterial efficacy Surface Energy Modification Etching & Deposition at higher powers

Dielectric Barrier Discharge Air Plasma Surface cleaning and modification No external gas supply Scalable and flexible technology

European subsidiary of Adtec Plasma Technology Co., Japan

### THE PLASMA SPECIALISTS

adtecplasma.com





### Contamination Control for the Semiconductor Industry

Providing particle monitoring instruments with industry leading sensitivity for Chemicals, DI Water, and Airborne Applications.







≥20 nm in Chemicals ≥20 nm in UPW/DI Water ≥100 nm in Air and Gas ≥70 ppt in Molecular

### Click HERE to learn more

+44 (0)1223 257704 www.emsparticlesolutions.co.uk EMS exclusively supply Particle Measuring Systems products in the UK & Ireland

#### **Scanning Probe Microscopy Services**

#### Capability

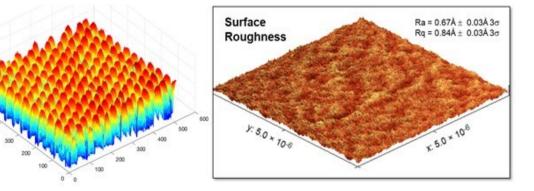
- Field of View: 8×8µm → 0.5×0.5µm @ 1Mpx, configurable
- Resolution: horizontal <1nm, vertical <0.1nm
- Imaging Speed: 4sec to 16min @ up to 0.2Mpx/s
- Automated instrument & stage operation
- Comprehensive data analysis solutions
- Processing of large data sets
- Sample confidentiality
- In-person & remote scanning

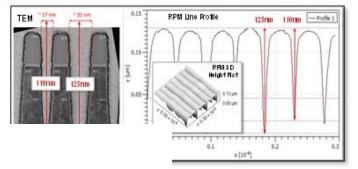
#### **Probe Techniques**

- High speed surface metrology: dynamic mode
- High aspect ratio 3D surface profiling: adaptive mode
- Surface modification / layer removal for 3D tomography
- Conductivity C-AFM, surface roughness

https://infinitesima.com/index.php/products/microscopy-services Email: info@infinitesima.com









## Jaltek

### Working with Customers to create history

Jaltek Systems is a leading AS9100 and ISO 13485 accredited UK contract electronics manufacturer with over 30 years' experience. We offer a comprehensive range of integrated design and manufacturing services adapted to meet our customer's varied requirements.

Focusing on low to medium volume, high mix product profiles for a range of industries, Jaltek uses advanced systems to support products throughout their lifecycle, offering a single service or complete solution.

We have a diverse customer base, from global PLCs to start-up ventures, many have worked with us for over 15 years - testament to our customer focus and support in an ever changing marketplace.



- 3 SMT Lines
- Dedicated NPI Line
- PCB Layout
- Selective Solder & Manual Assembly IPC-A-610 Class 3 workmanship standard
- · Cable Assembly
- Conformal Coating
- Pressfit
- Extensive test suite
- X-ray
- State-of-the-art 3D inspection
- Box-build & High Level Assembly
- System Integration

### Jaltek Systems Unit 13 Dencora Way Sundon Park Luton Bedfordshire LU3 3HP +44 (0)1582 578170

@ info@jaltek.com

Key Sectors: Clean Energy • Communication & Broadcasting • Consumer • Defence & Aerospace • Homeland Security • IP Development Platforms • Medical • Oil & Gas • Scientific Research • Space









www.nmi.org.uk