**ADHESIVES**

A COMPREHENSIVE RANGE OF TECHNICAL ADHESIVES FOR AUTOMOTIVE, ELECTRONICS & GENERAL MANUFACTURING INDUSTRIES

**MICROELECTRONIC MATERIALS**

ASSEMBLY MATERIALS AND MACHINE CONSUMABLES USED IN SEMICONDUCTOR, PHOTONIC AND HYBRID ASSEMBLY ETC.

**MICROELECTRONIC EQUIPMENT**

ASSEMBLY, TEST & INSPECTION EQUIPMENT FOR THE MICROELECTRONIC, PHOTONIC AND SEMICONDUCTOR INDUSTRIES

ADVANCED TECHNOLOGY FOR RESEARCH & INDUSTRY

# Connect Newsletter

Welcome to the sixteenth issue of our Company Newsletter "Inseto Connect", dedicated to providing information on new products, supplier & company news and technical announcements. We trust you find it both interesting and informative!

## Agreement Signed With Plasma Etch

Inseto is pleased to announce the signing of an agreement to distribute Plasma Etch products in the UK, Ireland & Scandinavia.

Plasma Etch are leading manufacturers of plasma treatment, etching and cleaning systems, including low-cost entry level bench-top models through industrial to high-volume continuous feed production equipment, used in electronic, medical, industrial & research applications.

According to Tony Brown – Managing Director of Inseto, "Besides producing an

excellent range of equipment, which complements our existing product lines, Plasma Etch also share our customer support philosophy, ensuring that each customer is completely satisfied with our products and services".

Further information on Plasma Etch Inc., product range can be found on our website or by contacting Matt Brown at Inseto.



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## BLOG & Online News Feeds

Don't want to wait for the next issue of Inseto Connect, then keep up-to-date by visiting our BLOG (web-log) which includes the latest news, technical updates, applications, announcements, product information from Inseto.

If you don't have time to read the full BLOG, then simply subscribe to our Twitter News Feed for the latest snippets / Tweets!

Visit the News Section of our website for links & further details.



# Inseto's Technical Support Services Set The Standard



*Our engineering team has developed high levels of knowledge and experience in the implementation of quality support services, including: Process Reviews & Improvements, Machine Repairs, Emergency Breakdowns, Certified Maintenance & Calibrations, Annual Support Contracts, Equipment & Process Training Classes.*

*All of our work is carried out in accordance with the manufacturers guidelines using comprehensive service checklists, calibrated instruments, OEM warrantied parts and is Certified according to our ISO accreditation & procedures.*

*Don't just take our word for it...here is what a few customers have recently told us:*

#### **Testimonial One:**

Thank you for your recent service intervention; by travelling up the evening before to get an early start on Monday, we were able to resume production earlier following completion of your work.

#### **Testimonial Two:**

Great training yesterday. Very well received by the guys..!!!

#### **Testimonial Three:**

The technical support we have received in resolving issues with our dicing saw has been tremendous. The timely intervention has enabled us to meet our customers' requirements, this has just led to the purchase of another ADT dicing system from Inseto!

#### **Testimonial Four:**

Inseto recently provided us with a first service for two pieces of equipment.

The service engineer arrived promptly, at the beginning of our working day. The engineer was friendly and well presented. He showed great understanding of the equipment and further complimented our own understanding by sharing some of his.

He identified problems that had surfaced during the servicing and made us aware of what to look for in the future. We were completely satisfied with the level of serviced received.

Our equipment is now running more efficiently which has subsequently increased yield and the quality of the devices which pass through them, thank-you.

A sample of the manufacturers we provide support services for:



## Free Glossary of Probing Terms and Acronyms By SemiProbe

SemiProbe, a global supplier of manual to fully automatic probing and testing solutions for microelectronics, MEMS, nanotechnology, chemistry, microfluidics, optoelectronics, photovoltaics and more have recently introduced a "free-to-download" Glossary of Probing Terms & Acronyms.

Click [HERE](#) to download your free copy from their website.



## Spanoptic Install Additional ADT Dicing Equipment



Spanoptic Ltd established in 1976 and one of the UKs leading manufacturer of Precision Optics has recently purchased another ADT dicing machine to expand its service of dicing visible and Infrared filters. Semi-automatic Dicing Saw - ADT 7100

The system is used to dice Sapphire, Si, Ge and Quartz with minimal kerf loss and a fast turnaround.

Spanoptic Chairman John Bryden, commented that the new machine and support from Inseto has been tremendous and the feedback from their customers is very positive.

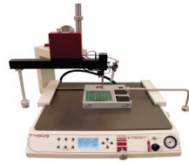
## New Product Snippets:



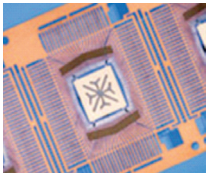
ADT release new family of resin blades for ceramic applications.

The new C type resin blade gives the user a long life and enhanced cut quality with minimal top side chipping (TSC) and bottom side chipping (BSC) when dicing Alumina ceramic materials...*more*

Dr Tresky have introduced a new manual die bonder the T-4909



The T-4909 is a budget sensitive, manual, high quality die bonder with superior ergonomic design. As with all of Tresky's products, the T-4909 incorporates True Vertical Technology™ which guarantees parallelism between the chip and substrate at any bond height...*more*



DELO's new high-purity, low CTE die-attach adhesives provide the perfect combination for use in all applications.

With excellent adhesion to a wide variety of substrates (FR4, gold-plated alumina, etc.) and an extended working life, DELO's conductive and insulating adhesives deliver exacting customers' requirements...*more*

Koartan has recently developed a complete system of thick film pastes for use on AlN (Aluminium Nitride).



The 796X range of pastes are blendable across the whole series and are completely lead-free. With resistivity's from 100 mOhms / square to 3 Ohms/square, these materials offer tight TCR controls and excellent power handling capabilities...*more*

## Company News:

See Inseto at the following events:

- NMI - "IC Package Innovation: Choosing the right solution", 26th May, TWI, Cambridge
- IMAPS-UK - Basic Packaging Workshop, 21 June, TWI, Cambridge
- EMPC2011 - European Microelectronics & Packaging Conference, Hilton Metropole, Brighton 12-15 Sept.



Inseto is pleased to announce the appointment of its Company Director Matthew Brown onto the IMAPS-UK executive Committee.

IMAPS - The International Microelectronics & Packaging Society is the largest organization dedicated to the advancement and growth of microelectronics & advanced electronics packaging, incorporating local chapters and more than 8,000 worldwide members.

A registered Charity, IMAPS-UK plays a leading role in the UK's advanced electronics industry working closely with other governing bodies, societies, industrial and academic institutions, to ensure that members are kept up to date with the latest developments & innovations in microelectronics and to provide a forum for the industry to meet and shape its future – [www.imaps.org.uk](http://www.imaps.org.uk)

Inseto was proud to Sponsor the Somerset Cheetas appearance in this year's National Swimming League A Cup Final held in Sheffield on 17 April. Competing against the very top Club from throughout the UK, the team finished in a very creditable seventh place.

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