



Inseto (UK) Limited
Unit 25, Focus Way
Andover
SP10 5NY
United Kingdom

PRESS RELEASE

Date: 8th April 2019

Dual-purpose

Inseto supplies STFC with a semi-automated mask aligner to advance its in-house manufacturing capabilities and enhance the services offered to SMEs and start-ups.

Andover, United Kingdom – Inseto, a leading technical distributor of equipment and materials, has supplied the Science and Technology Facilities Council (STFC) with a SUSS MicroTec MA8Gen4Pro mask aligner for the lithography of semiconductor wafers.

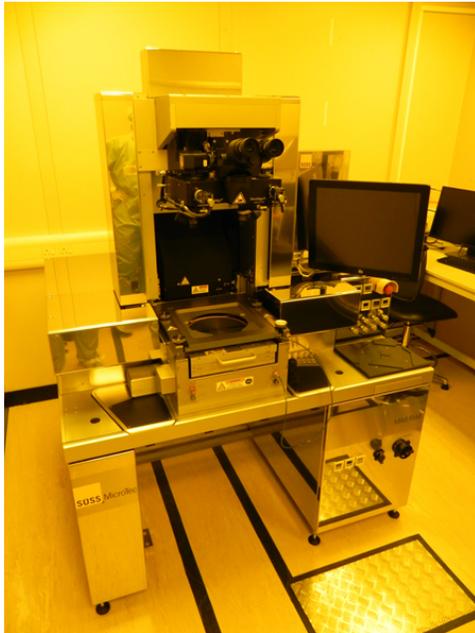
STFC's investment in the mask aligner was made for two reasons. Firstly, it is being used by STFC's Interconnect Group, which designs and manufactures advanced packaging solutions for semiconductor die needed for scientific instruments. The MA8Gen4Pro will soon be used for the placement of millions of 20µ diameter bumps on a 50µ pitch onto a wafer containing more than 100 die; with each die set to measure just 196mm² and to 65,000 bumps.

Secondly, the MA8Gen4Pro has become the latest piece of equipment STFC's Innovations Technology Access Centre (I-TAC) makes available to start-ups under an innovative service to incubate SMEs. I-TAC has nearly 100 companies and groups leasing their facilities for projects ranging from sensors for gas turbines, lab on chip and devices for head-up displays.

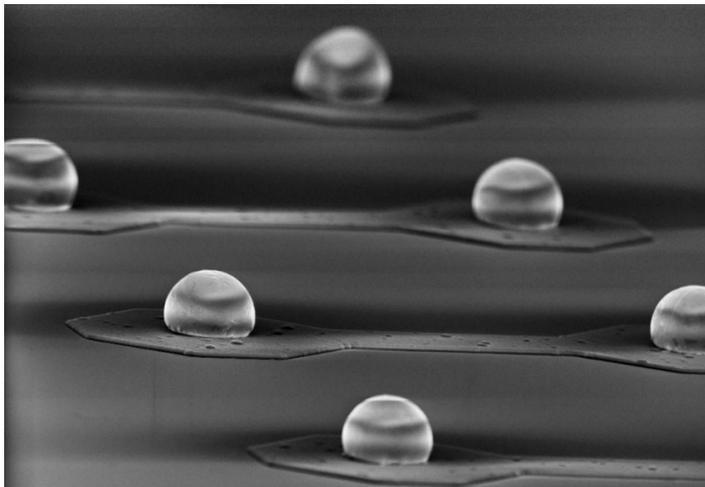
Matt Brown, Director of Inseto, concludes: "We're delighted that the SUSS MicroTek equipment is playing a vital role in the manufacture of the chips for the STFC's particle physics experiments and that I-TAC's

customers will have access to the latest generation aligner for their development and manufacturing purposes.”

MAIN ENDS



The Science and Technology Facilities Council (STFC) has taken delivery of a SUSS MicroTec MA8Gen4Pro mask aligner, supplied by Inseto, for the lithography of semiconductor wafers.



STFC’s Interconnect Group is soon to be using a SUSS MicroTec MA8Gen4Pro mask aligner, supplied by Inseto, for the placement of millions of 20 μ diameter bumps on a 50 μ pitch onto a wafer containing more than 100 die; with each die set to measure just 196mm² and to 65,000 bumps.

Notes to Editors

This press release was issued on behalf of Inseto (UK) Limited by Declaration Limited. If you have any editorial enquiries in relation to this press release, please contact Richard Warrilow or Sam Atkin on +44 (0)1522 789000 or via email (richard@declaration.co.uk / sam@declaration.co.uk). Please also contact Declaration if you require any articles, case-studies or any other form of editorial.

Please contact Matt Brown on +44 (0)1264 334505 or via email (matt.brown@inseto.co.uk) in relation to all advertising and sponsorship matters.

About Inseto (UK) Limited

Established in 1987 and ISO 9001:2015 Certified since 2005, Inseto is a leading technical distributor of equipment and related materials to the semiconductor, microelectronic & advanced technology sectors, as well as adhesives for electronics, automotive and industrial manufacturing.

The company has three divisions, namely:

- **Equipment Division**, which provides manufacturing equipment for the Microelectronic, Photonic, Electronic, Photovoltaic and Semiconductor industries etc.
- **Consumable Division**, which provides assembly materials and machine consumable items for the Semiconductor, Electronic, Microelectronic, Photonic MEMS and Hybrid assembly industries etc.
- **Adhesive Division**, which provides technically advanced adhesives for bonding, sealing and encapsulation, and which exclusively represents DELO Industrial Adhesives in the UK and Ireland.

Inseto is based in Andover in a high-tech building that houses an adhesives application laboratory, demonstration areas for equipment and instrumentation, and training rooms.

Customer support is at the heart of Inseto's *Total Customer Service* philosophy, where the company aims to understand, communicate and fulfil the needs of its customers. The company is committed to meeting customer requirements through the application of high standards of quality and customer care (both before and after sales) by continually investing in training and adopting a policy of continuous improvement.

For further information please visit www.inseto.co.uk