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PRESS RELEASE

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Inseto Supplies Equipment to Cardiff University's Institute for Compound Semiconductors

Andover, United Kingdom – Inseto, a leading technical distributor of equipment and materials, has supplied the Institute for Compound Semiconductors with a variety of semiconductor manufacturing equipment for its new 16,150ft² cleanroom situated adjacent to its Translational Research Hub (TRH).

The TRH, which opened for business in May 2023, is a 129,000ft² facility with a mix of flexible laboratory and office space where industry and experts can come together to solve complex global challenges. The ICS's new 200mm fabrication line is being used by researchers in the ICS and commercial partners to trial, develop and scale up new compound semiconductor devices.

The equipment supplied by Inseto includes an MCS8 manual resist coating system, an MA8 Gen4 mask aligner, SD12 and AD12 wet processing systems, and an HMxSquare 9 photo mask cleaner (all from SUSS MicroTec), a PlasmaEtch PE-75 plasma treatment system and an ADT 7900 wafer dicing saw. In addition, Inseto's engineering team managed equipment installation and operator training.

Dr Angela Sobiesierski, ICS Operations Director said: "Inseto was able to offer us a range of state-of-the-art equipment that has enabled us to scale up our fabrication line from 150mm to 200mm – something that was at the heart of our move to the new cleanroom."

The ICS was a founding member and key partner in the development of CSconnected, the first compound semiconductor cluster in Europe. The institute provides small to medium scale fabrication

capacity to complement activity at other cluster partners, with the expertise and capability to translate academic excellence through to practical, manufacturable devices and integrated subsystems.

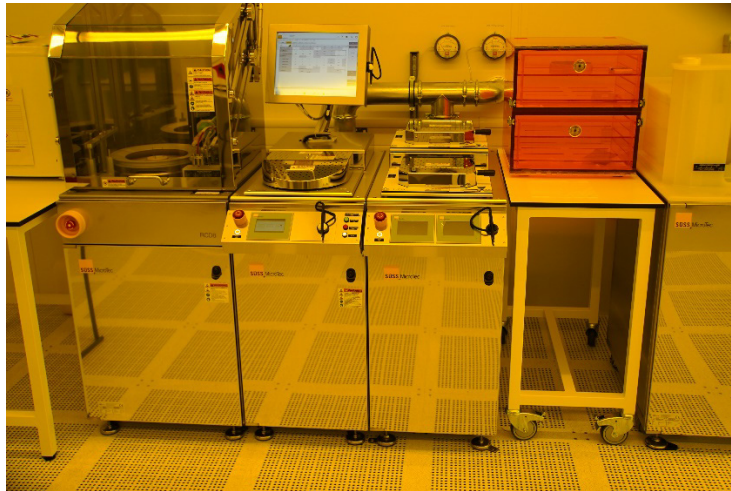
Matt Brown, Director of Inseto, commented: “We are delighted to have been awarded this work and to have provided so much of the equipment being used by the Institute for Compound Semiconductors in its new cleanroom at the Translational Research Hub.”

Dr Sobiesierski added: “The post-delivery support from Inseto has also been great, working closely with our team and the OEM engineers involved to ensure that installation and commissioning proceeded smoothly.”

MAIN ENDS



Above, the SUSS MicroTec MA8 Gen4 mask aligner, part of the equipment supplied to the Institute for Compound Semiconductor by Inseto.



Above, the SUSS MicroTec MCS8 manual resist coating system (and partly in frame on the righthand side, an AD12 wet processing system), part of the equipment supplied to the Institute for Compound Semiconductor by Inseto.



Above, the SUSS MicroTec HMX Square 9 photo mask cleaner, part of the equipment supplied to the Institute for Compound Semiconductor by Inseto.

NOTES TO EDITORS

This press release was issued on behalf of Inseto (UK) Limited by technical content creation and communications agency Declaration Limited (www.declaration.co.uk, +44 (0)1522 789000).

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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 and advanced technology sectors, as well as adhesives for electronics, automotive and industrial manufacturing.

The company has four divisions, namely:

- **Adhesives** – supplying a comprehensive range of technical adhesives for automotive, electronic and general manufacturing industries.
- **Equipment** - providing fabrication, assembly and test equipment for research and production of semiconductor devices and related technologies.
- **Materials** - supplying assembly materials and machine consumable products used in microelectronic, photonic and high-frequency devices.
- **Wafers** – with a wide range of wafers and substrates supplied worldwide, including silicon, compound semiconductor and glass materials.

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

About the Institute for Compound Semiconductors

The Institute for Compound Semiconductors (ICS) is a world-class compound semiconductor research and small-scale manufacturing facility. Available to all on an open access basis, ICS provides a platform for

fabrication on wafers up to 200mm in diameter, where scientists and industry work together to prepare projects for translation into the production environment. Part of Cardiff University, the UK's facility of choice is internationally recognised for stimulating, facilitating and enabling CS research.

<https://www.cardiff.ac.uk/institute-compound-semiconductors/about-us>

The ICS is a founding member of CSconnected <https://csconnected.com/>