



[Foundation of Umicore Suzhou Semiconductor Materials Co., Ltd.](#)

UMICORE EXPANDS PRODUCT-OFFERING FOR SEMI-CONDUCTORS

Umicore's business unit Metal Deposition Solutions (MDS) is expanding its product offering in the growing market of semiconductors with the earlier bolt-on acquisition of its Chinese partner Shinhao Materials LLC. Shinhao focuses on copper plating in the advanced packaging sector.

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mds.umicore.com

Umicore and Shinhao partnered in 2019 combining Shinhao's technical know-how and intellectual property in copper additives under the IntraCu® product line with Umicore's global infrastructure and track record as a responsible high-quality materials technology supplier.

Global demand for semiconductors is growing steadily, driven by artificial intelligence, further digitalization and higher demand for advanced packaging from industries such as automotive, telecommunications and consumer electronics. IntraCu® is expected to benefit from applications in artificial intelligence (AI) and in display substrate applications and will also be manufactured at MDS's site in Germany to meet demand in Europe and the United States.

Umicore Suzhou Semiconductor Materials Co., Ltd. (USSM) will be headquartered at Shinhao's state-of-the-art research and production site in Wujiang, near Suzhou, close to MDS's customers in Asia. The Suzhou site performs as a fully fledged hub for products related to vacuum deposition technologies, while MDS's other research and production sites in Liechtenstein and Taiwan and are specialized in creating thin high-tech films or coatings in for instance electronics and optics applications.

SOURCES AND MORE INFORMATION ONLINE:

<https://mds.umicore.com/ussm-foundation>

IMAGES



Michael Herkommer (Managing Director), Dick Ng (Head of Sales USSM), Dr Yun Zang (Strategic Technology Advisor USSM) and Dr Klaus Leyendecker (Division Manager Semiconductor Applications) at the official opening ceremony of the subsidiary Umicore Suzhao Semiconductor Materials Co., Ltd. (USSM) in Suzhou, China.

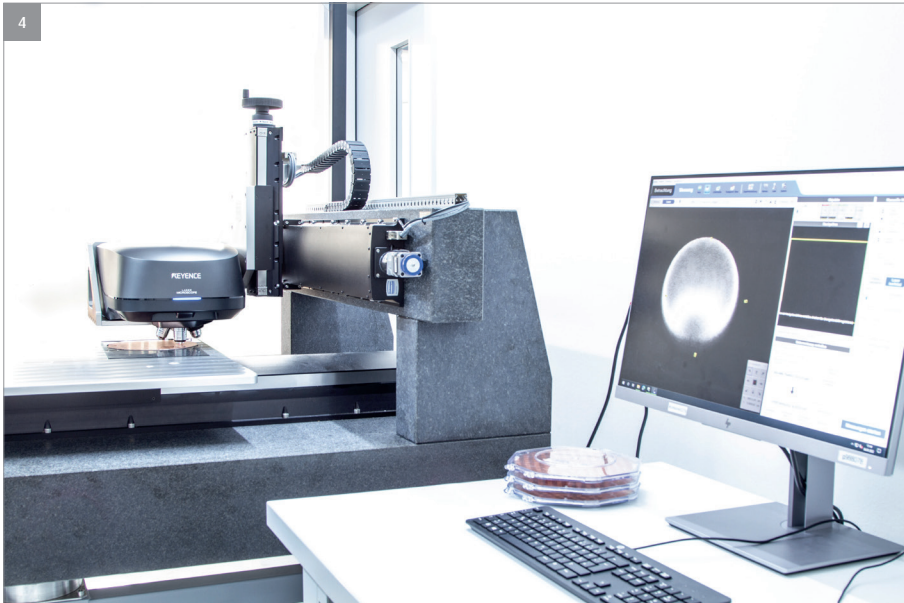


Umicore MDS managing director Michael Herkommer emphasises in front of employees and media representatives at the opening ceremony, directly in front of the modern building (right), that he has been looking forward to this day for many years.

IMAGES



Modern equipment, such as this scanning electron microscope for material processing and sample preparation on the nanoscale, enables high-level imaging and analysis of Umicore's own product performance.



Laser microscopes at the site prove that the IntraCu® additive system provides material properties and crystal structures that eliminate typical limitations in semiconductor production.

IMAGES



The new USSM headquarter offers ideal conditions for R&D over more than 1,000 square meters.



At the center of the site are class 6 clean rooms according to DIN EN ISO which ensure high standards for error-free production processes.

IMAGES



Michael Herkommer
Managing Director
Umicore MDS

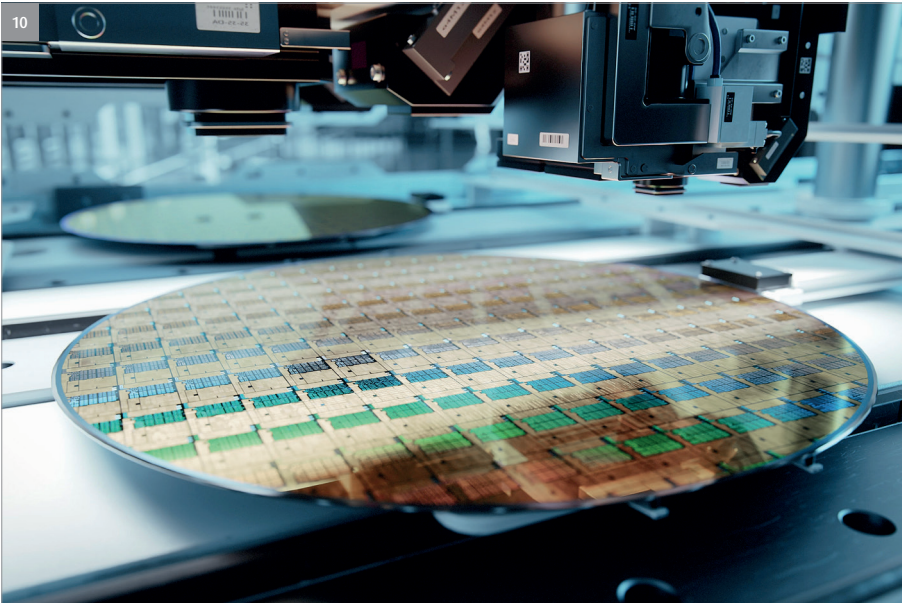


Dr. Klaus Leyendercker
Division Manager Semiconductor Applications
Umicore MDS

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Dr. Yun Zhang
Strategic technology advisor
Umicore MDS



Key Visual
Press release

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Logo
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ABOUT UMICORE METAL DEPOSITION SOLUTIONS

Within the Umicore Group, the Metal Deposition Solutions (MDS) business unit is the business headquarters for the two established business lines Electroplating and Thin Film Products. Metal Deposition Solutions is one of the world's leading suppliers of products for the (precious) metal-based coating of surfaces in the nanometer and micrometer range - with the expertise of the two divisions we combine the two highest-quality processes: Electroplating and PVD coatings.

The business unit's solutions are used in many everyday products or make their production possible in the first place. Almost all well-known manufacturers in the electronics, automotive, optics and jewelry industries source components coated with our Umicore products either directly or indirectly.

In addition to development and production, Metal Deposition Solutions offers a comprehensive service for their products. This includes, for example, recycling or precious metal management in addition to consulting and on-site technical support.

Further information: mds.umicore.com

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