

Press release

Kistler and TEST-FUCHS Aerospace Systems launch technological cooperation

Partnership bundles European expertise in high-precision measurement solutions in the aerospace industry

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The Kistler Group and TEST-FUCHS Aerospace Systems have announced they are partnering to develop measurement systems for the aerospace industry. This cooperation combines Kistler's dynamic measurement technology with TEST-FUCHS' system integration and certification expertise for safety-critical aviation applications. All process steps, from development to series production, will take place in Europe under the "Airborne Sensors Made in Europe" slogan.

Speaking about the partnership's strategic importance for the European aerospace industry, Marc Schaad, the Kistler Group's CEO, states: "The cooperation brings together two market leaders from the fields of measurement technology and aerospace. We also share core values such as premium quality standards, reliability and innovative capabilities. By bundling complementary skills, we create lasting added value for customers along the entire value chain. At the same time, the partnership will strengthen Europe's technological supremacy and competitiveness in a dynamic, global market environment."

Volker Fuchs, the TEST-FUCHS Group's CEO, continues: "The market is clearly developing towards more resilient European supply chains. With Kistler, we are combining our strengths to offer OEMs technologically advanced, independent sensor solutions. In this way, we want to position ourselves specifically in programs for the next generation of aircraft."

European value chain for resilient supply chains

The collaboration focuses on developing pressure, force and acceleration sensors for use under extreme operating conditions. These include high-temperature environments in engine monitoring, cryogenic applications related to hydrogen propulsion and networked sensor components for structural monitoring of modern aircraft systems. The solutions are developed specifically for safety-critical, in-flight applications and must meet the aviation certification requirements.

Focus on next-generation aircraft and strategic OEM programs

The cooperation addresses increasing demand from OEMs and Tier 1 suppliers for technologically outstanding, resilient European supply chain solutions in the aviation sector. Kistler will contribute its expertise in piezoelectric and piezoresistive sensor development and production. As an integration partner, TEST-FUCHS with experience in qualification and certification processes and series production of safety-critical aviation components, as well as an established customer base of leading aviation OEMs.

In addition to joint product development, in future TEST-FUCHS will also act as an integration partner for measurement solutions for OEMs and open up additional fields of application. TEST-FUCHS already covers the level sensor and temperature measurement sectors with its own products. An initial common goal is to position the companies in key programs for the next generation of aircraft and to replace discontinued sensor components in existing programs.

The "Airborne Sensors Made in Europe" initiative sends a clear signal from Kistler and TEST-FUCHS for a technologically independent European aviation industry.

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From left to right: Markus Nagl (Managing Director, TEST-FUCHS GmbH), Michael Schilling (Managing Director, TEST-FUCHS Aerospace Systems GmbH), Volker Fuchs (CEO & Owner, TEST-FUCHS Group), Marc Schaad (CEO, Kistler Instrumente AG) and Peter Hoeffgen (CMO, Kistler Instrumente AG), pictured at the signing of the technology partnership in Gross-Siegharts.



The new TEST-FUCHS Aerospace Campus: High-tech from Gross-Siegharts.

Media contact

Cara-Isabell Maercklin
Senior Corporate Communications Manager
Tel: +41 52 2241 292
Email: cara-isabell.maercklin@kistler.com

About the Kistler Group

Kistler is the global market leader for dynamic pressure, force, torque, and acceleration measurement technology. Cutting-edge technologies provide the basis for Kistler's modular solutions. Customers in industry and scientific research benefit from Kistler's experience as a development partner, enabling them to optimize their products and processes so as to secure sustainable competitive edge. Unique sensor technology from this Swiss company helps to shape future innovations not only in automotive development and industrial automation but also in many newly emerging sectors. Drawing on its extensive application expertise, and always with an absolute commitment to quality, Kistler plays a key part in the ongoing development of the latest megatrends. The focus is on issues such as electrified drive technology, autonomous driving, emission reduction, and Industry 4.0. Some 2,000 employees at more than 60 facilities across the globe are dedicated to the development of new solutions and offer application-specific services at the local level. Ever since it was founded in 1959, the Kistler Group has grown hand-in-hand with its customers and posted sales of CHF 424 million in 2025. About nine percent of this figure is reinvested in research and technology – with the aim of delivering innovative solutions for its customers.

About TEST-FUCHS

TEST-FUCHS is an internationally operating Austrian family business headquartered in Gross-Siegharts in Austria. It is one of the leading suppliers of test systems, ground support equipment and components and systems for civil and military aviation and aerospace. The company develops, produces, qualifies and maintains highly specialized solutions for OEMs, airlines, MROs and space programs worldwide. In the Aerospace Systems division, TEST-FUCHS develops fuel, hydraulic and cryogenic systems, sensor and electronic components, as well as safety-critical aerospace components for aircraft, helicopters, UAVs and space applications. A high level of vertical integration, comprehensive system integration expertise and certified development, production and maintenance processes enable solutions from a single source - from concept development to series production and maintenance. Since it was founded in 1946, TEST-FUCHS has stood for technological innovation, high quality standards and extensive expertise in the aviation industry. In addition to its headquarters in Austria, TEST-FUCHS is also represented in Germany, Italy, Great Britain, France, Singapore, China and the USA.