

Press release

Kistler strengthens U.S. manufacturing with locally made piezoelectric quartz Weigh In Motion (WIM) sensors

Local production meets federal Build America, Buy America Act (BABA) requirements without compromising on quality

Buffalo, New York – July 2026

Kistler has localized the production of its Lineas quartz Weigh In Motion (WIM) sensors at its U.S. headquarters in Buffalo, New York. This expansion of domestic manufacturing capabilities ensures compliance with the Build America, Buy America Act (BABA), enabling customers to qualify for federal infrastructure funding while continuing to rely on the industry-leading accuracy of [Kistler](#) WIM technology.

"Kistler has been firmly rooted in Buffalo for more than 70 years, and this investment represents another important milestone in our long-term commitment to the U.S. market," said Kim Pfluger, Kistler U.S. General Manager. "By localizing production of our Lineas WIM sensors at our Buffalo facility, our customers benefit from faster response times, local expertise, and products that meet evolving federal requirements. Our presence in Buffalo supports critical transportation infrastructure projects across the United States."

Quality and precision made in America

Localizing production will deliver the same technology and quality that Lineas WIM sensors have always offered. Every sensor is manufactured under an ISO 9001-certified quality management system, delivering accuracy, reliability, and long-term performance that transportation agencies and infrastructure operators worldwide rely upon. The Buffalo facility is also AS9100D certified, meeting the most rigorous quality standards in the aerospace industry.

The Lineas WIM sensors are based on the proven piezoelectric quartz technology from Kistler, with an installation base of over 100,000 units globally, widely recognized as the most accurate sensor technology available for Weigh In Motion applications. When permanently installed in road pavement, the sensors provide real-time, precise measurements of wheel, axle, and gross vehicle weight under live traffic conditions. The measurements deliver valuable data for vehicle weight enforcement, traffic monitoring, pavement management, and transportation planning.

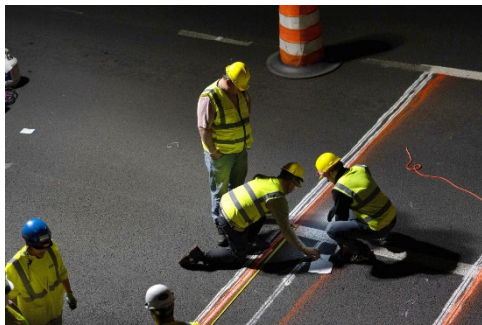
"When force is applied to the sensor, the integrated quartz elements generate an electrical charge proportional to the applied load. This unique measurement principle enables exceptional accuracy

and stability over time, as well as reliable performance in challenging roadside environments and changing weather conditions,” Pfluger says.

Image material (please name the Kistler Group as picture source)



Kistler has moved the final manufacturing of its piezoelectric quartz WIM products to Buffalo, New York. This change ensures compliance with the new Build America, Buy America Act (BABA) and strengthens the presence and responsiveness of Kistler in the North American market.



All Lineas WIM sensors for the U.S. market are now assembled locally in Buffalo under the ISO 9001-certified quality management system, delivering the same accuracy, reliability, and long-term performance that transportation agencies and infrastructure operators worldwide depend on.



Since 1955, Kistler’s presence in Buffalo, New York has been a cornerstone of the company’s North American operations. Today, the site combines over 70 years of manufacturing expertise with local production of Lineas Weigh In Motion sensors for the U.S. market.

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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 corporation helps to shape future innovations not only in automotive development and industrial automation but also in many newly emerging sectors. Drawing on our 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 they 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 in 2025, it posted sales of 424 million Swiss francs. About 9 percent of this figure is reinvested in research and technology – with the aim of delivering innovative solutions for every customer.