

Press release

User-friendly software makes sure bolted joints are safe

New software generation from Kistler makes it simple to operate torque tool testing systems

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The new-generation CEUS 10 software from Kistler leverages the intuitive operability of the cerTEST tool testing system. With the help of this web-based program, users can store measurement settings for individual torque tools and benefit from step-by-step guidance through the measurements. They can then access test records and tool histories via a local server.

Bolted joints perform a highly critical safety role in many different application areas. This is why growing numbers of manufacturers require their suppliers to provide documentation of the fastening processes. To make sure that a fastener sits properly, correct adjustment and reliable functioning of the tool are the key factors. Tool testing systems (as they are known) guarantee that these requirements are met. But what is the most efficient way to organize inspection of the many different tools in a company? And what is the simplest method of transferring the data to a database where it can be retrieved in case of recourse claims?

The easy way to start out in professional tool testing

Measurement technology expert Kistler now offers a solution that makes it easier for users to test fastening tools and get off to a quick start with this process: the web-based CEUS 10 software that complements Kistler's proprietary cerTEST system. This is the latest development of the "Central Evaluation Unit for All Systems", with even greater emphasis on intuitive operability and easy-to-understand test records. CEUS 10 also allows cerTEST users to store different measurement settings and access them with just a few clicks whenever needed – so measurement parameters for individual tools only ever need to be set once. The program then guides users step-by-step through the measurements. CEUS 10 also generates a specific measurement history for each tool, and stores test records automatically on a local server.

"To meet increasing safety requirements, more and more tool developers and suppliers in the automotive industry and many other sectors are opting for inspection systems such as cerTEST," according to Dr. Gerald Zeinert, Head of Development for CEUS 10 at Kistler. He goes on to explain the benefits of the new generation: "The new software generation offers decisive advantages for

system users as well as quality managers: both the measurements themselves and the resultant records are so easy to understand that operators don't need to have any special experience." The program guides users through the measurements in various languages, and they are also free to choose the language for the records. This ensures traceability of tools and parts, even across international borders – with no language barriers.

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

To download high-resolution images, please click on this link:

<https://smartfile.kistler.com/link/T1VMT-alk3M/>



Benefits of the new web-based CEUS 10 software include intuitive operability and easily understandable records.



Thanks to CEUS 10, users of cerTEST testing systems from Kistler can store different measurement settings, generate their own measurement histories, and save test records automatically.

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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 owner-managed 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 2021, it posted sales of mCHF 411. About 7% of this figure is reinvested in research and technology – with the aim of delivering better results for every customer.