

## Press release

### Efficient measurement for research and development

New measurement software for DAQ systems: KiStudio Lab is now more user-friendly and versatile

Winterthur, January 2025

**The latest version of KiStudio Lab, Kistler's tried-and-tested measurement software, now offers additional functions – but with no compromises on user experience. R&D users can combine KiStudio Lab with the KiDAQ universal data acquisition system or laboratory charge amplifiers in the LabAmp series to accomplish challenging measurement tasks with maximum efficiency. Also included in the package: jBEAM, Kistler's fast and flexible data analysis software.**

Optimal measuring chains depend on reliable sensors and suitable hardware – but that's not all. Intuitive software to facilitate setup and ensure measurement efficiency plays an equally critical part. Kistler's response: KiStudio Lab, the new measurement software that provides a state-of-the-art solution for its DAQ systems. KiStudio Lab gives users an even better experience when working with the KiDAQ universal data acquisition system and high-end measuring amplifiers in the LabAmp series – a solution that is truly fit for the future.

KiStudio Lab locates compatible data acquisition systems with a simple scan and connects them to create a time-synchronized measurement setup with Precision Time Protocol (PTP). Users can see the connected measurement devices in a graphical display, making it easy to adapt settings and configure the setup. Thanks to this new measurement software, users can choose their preferred graph types to visualize and monitor the measurement process in real time. In Review mode, data can be checked prior to export or, alternatively, processed automatically for further analysis. jBEAM Lab, Kistler's specialized post-processing software, is included in the package with KiStudio Lab for this purpose – the key to quick and easy data analysis.

#### More scope for measurements and a better overview

“The new version of KiStudio Lab is based on much more powerful architecture that allows for larger measurement setups and provides a better live view of all measurement channels,” says Michael Lauffer, Team Lead, Product Management Electronics & Software at Kistler. When developing the new measurement software, the focus was primarily on an efficient, user-friendly experience in day-to-day work with sensors, measuring amplifiers and data acquisition systems. “Customers benefit

from an intuitive tool that offers additional functions: it's now possible to evaluate measurement data directly and easily with no need to switch to separate analysis software, for instance – and there's also the option of automating repetitive measuring and analysis tasks together with jBEAM," Lauffer points out. "By combining the new version of KiStudio Lab with Kistler's established range of sensors, our customers can obtain their complete measuring chain from one single source – starting with the sensor, all the way through to comprehensive measurement data analysis."

KiStudio Lab is available in two editions: Starter (suitable for up to 16 channels with >100 kSps), and Professional: the packages already include the jBEAM Lab data analysis software. Users of jBEAM can import data from many different file formats and then visualize and evaluate it using a wide range of algorithms and processes. Kistler is continuously developing the KiStudio Lab measurement software for its DAQ systems, for R&D as well as general measurement and testing applications. Going forward, customers will benefit not only from new functions but also – as a key advantage – application-specific editions.

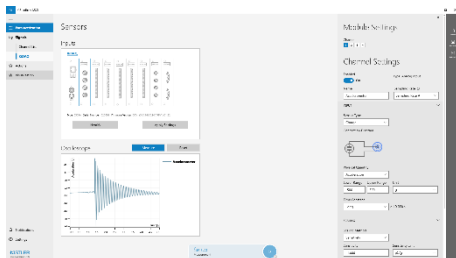
**Image material (please name the Kistler Group as picture source)**



The new version of the KiStudio Lab measurement software from Kistler can now handle more complex measurement setups and offers more functions with an excellent user experience.



The efficient way to set up and operate DAQ systems and measuring chains: Kistler's new KiStudio Lab measurement software raises the bar for research and development as well as general testing applications.



Measurement software for data acquisition (DAQ): KiStudio Lab from Kistler simplifies measurement setup, visualization and analysis in laboratory and R&D environments.

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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 2,200 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 posted sales of CHF 465 million in 2023. About 9% of this figure is reinvested in research and technology – with the aim of delivering better results for every customer.