

PressRelease

eddyMOTION eddy current software tool



Otterfing, 17.08.23 – **eddyMOTION** is a Windows-based analysis and configuration tool for eddy current sensors and now available for free download. In combination with the [TX electronics](#) from eddylab GmbH, the software tool combines several performance features.

eddyMOTION as an analysis tool

While the function area 'Oscilloscope' is the ideal tool for the analysis of dynamic processes, the areas 'FFT Analysis', 'Data Logger' and 'Waterfall Diagram' provide a multitude of further functions for vibration analysis and data recording.

On-site linearization of eddy current sensor

In addition to the TX electronics and an eddylab eddy current sensor, a reference probe is required for this purpose: Together with the eddy current sensor, this probe measures the distance to the same material, with the reference probe serving to check the sensor. Since the accuracy of eddy current sensors is strongly dependent on the target material, a change of the material to be measured can quickly lead to incorrect measurement results: With the help of the **eddyMOTION** software, the eddy current sensor can be easily calibrated to the new material to achieve linear measurement results.

The new software version **eddyMOTION 2.0.6.2** is now available for free download from our homepage at www.eddylab.com/service/Downloads.

About eddylab

eddylab is a modern company, which passionately designs, constructs and produces sensors for the measurement of distances and positions. We eventually provide entire system solutions. The company's product portfolio includes eddy current probes, inductive transducers, laser sensors, draw wire sensors, digital gauges, digital rulers, digital magnetic scales, display controls, signal conditioner and encoders. Besides our standard products in stock for a plenitude of industrial applications our strength is the development of custom-

made sensors. In close cooperation with our customers, we develop ultra-precise sensors true to the motto "sensors – built to perform".

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