Press release

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Press releases

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**Next level measurement of strip and sheet material**

**The new thicknessGAUGE systems revolutionize the inline thickness and 3D measurement of strip and sheet materials. With a large selection of sensor models, measuring ranges and measuring widths, they can be perfectly adapted to any application. The thicknessGAUGE is used in battery production and metal manufacturing.**

The thicknessGAUGE sensor systems offer precise thickness measurements of strip and sheet materials up to a thickness of 50 mm. Both C-frame systems, which can be easily inserted into the production line, and stable O-frame systems integrated into the line are available.

The flexibility with regard to the materials to be measured results from the different measuring principles on which the sensors used are based. Depending on the version, the models are equipped with laser profile sensors, laser point sensors, and confocal, capacitive, and eddy current sensors. Different measuring ranges and measuring widths are also available. Fixed-position measurements can be performed at the edge of the strips, as well as multi-position thickness measurements, fixed-position center thickness measurements, or traversing thickness measurements.

Adaptations can be implemented quickly and at low cost. With these turnkey systems, inline thickness measurement is very simple and can be performed at an outstanding price-performance ratio. Furthermore, the components are already synchronized, calibrated and temperature-compensated, which means that thicknessGAUGE delivers extremely accurate measurement results.

In addition to powerful Micro-Epsilon sensor technology, it includes comprehensive control and analytical software, a mechanical traversing axis, and automatic calibration. A powerful software package is available via the multi-touch capable panel IPC included in delivery.

approx. 1,800 characters including spaces



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