**Press information**

 **Optimised for measurement excellence***July 2021*HBK has launched a new optical interrogator - the MXFS - which provides incredible stability against external influences and a high-sensor capacity of 128 channels per device, which is ideal for engineers carrying out measurements within unpredictable environments, such as construction sites or laboratories.

MXFS is a fibre Bragg grating measurement device, based on the BraggMETER technology, that is integrated with HBK’s QuantumX platform. Fibre Bragg grating sensors are easy to install, electromagnetically safe and suitable for use on long structures or remote locations, for example pipelines or bridges.

The flexible device can be used as a single module for tasks including pantograph monitoring of trains. It can also be combined with other data QuantumX devices, to form a larger system, for complex projects requiring synchronized measurements from different sensor technology and integrated into systems with the most common communication protocols, which are required on long term monitoring projects, such as wind turbines - or for battery testing and validation.

MXFS is fully compatible with all modules from the QuantumX series: common API, LabView drivers and catman software.

More information about MXFS can be found on the company’s website: <https://www.hbm.com/en/8427/quantumx-mxfs-optical-interrogator/>

**Ends**
 **About HBK – Hottinger Brüel & Kjær**Industry market leaders HBM and Brüel & Kjær have joined forces as HBK - Hottinger, Brüel & Kjaer to form the world’s foremost provider of integrated test, measurement, control and simulation solutions.

HBK – Hottinger, Brüel & Kjaer provides a complete portfolio of solutions across the test and measurement product life cycle, that unites the physical world of sensors, testing and measurement with the digital world of simulation, modelling software and analysis. By creating a scalable and open data acquisition hardware, software and simulation ecosystem, product developers can cut time-to-market, drive innovation and take the lead in a highly competitive global marketplace.

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