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PRIMES FocusParameterMonitor increases sustainability in battery production for electric mobility

Pfungstadt, Germany - PRIMES GmbH is pleased to announce its support for the electric mobility industry and to ensure the high demands of BMW's battery production.

As the demand for electric vehicles continues to grow, there is an increased need for sustainable battery production. To ensure hundreds of perfect laser welds in a very short period of time, the operating laser must be constantly checked. To reduce scrap and increase sustainability, BMW relies on the PRIMES FocusParameterMonitor FPM. It is fully integrated into the BMW manufacturing process to measure the laser between each manufacturing step. The FPM autonomously monitors laser beam parameters like laser power, power density distribution and beam caustic inline, delivering an overall laser performance analysis. By utilizing PRIMES robust automation technology, BMW ensures consistently high quality control and optimizes its output in the production process.

For more information about PRIMES' innovative products, visit www.primes.com.

PRIMES is a leading high-tech supplier of laser beam diagnostics and supports its customers worldwide. For more than 30 years, PRIMES has been developing and manufacturing systems for the characterization of industrial laser beams for use in the automotive industry, plant engineering, additive manufacturing, R & D and laser manufacturing. The owner-managed company, located in the Rhein-Main area, has about 120 employees. Worldwide sales are handled by a subsidiary in Japan and an international network of distributors. Further information can be found at www.primes.de.

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