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TECAT Announces First Wireless Torque Sensor Model Featuring Shunt Calibration

ANN ARBOR, Mich. — April 13, 2016 — [TECAT Performance Systems](#) today announced the release of the WISER 2030-S, the first version of the company's wireless torque sensor to feature shunt calibration. The new WISER 2030-S will simplify instrumentation verification for users while allowing them to check calibration of the system in the field.

"The 2030-S is the result of listening to and implementing feedback from our customers," said Don Keating, vice president, new business development, at TECAT Performance Systems. "Many have expressed the need for a cost-effective indirect calibration feature to be integrated with our high-speed, high-quality wireless torque sensor. It's now available. Even better, we are adding this value without increasing our base pricing. This is the first of four product enhancements we'll be announcing leading up to our participation in the Automotive Testing Expo next month in Stuttgart."

TECAT's WISER systems are the smallest, lightest, and most power-efficient solutions available for the measurement of torque, acceleration, pressure, and temperature. The WISER Model 2030-S is comprised of three subsystems. The remote unit consists of the data capture electronics connected to Micro-Measurements strain gages, a transceiver, and a long-life battery. The base unit plugs directly into a PC USB port and houses an antenna, transceiver, and up to two analog outputs. The WISER Data Viewer software is used for system configuration and calibration, live monitoring, and data logging. The WISER 2030-S enables positive and negative shunt calibration with two independent shunt calibration legs using 100 k Ω resistors.

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In addition to measuring torque, the WISER 2030-S has the optional ability to measure 3-axis acceleration, barometric pressure, and ambient temperature, all within a small footprint measuring 36 mm x 23 mm x 4 mm. On-board high-speed data logging with triggering capability allows high-resolution data to be collected on the remote unit without PC or DAQ connectivity, while remote flash enables firmware upgrades without removing the system from the unit under test.

The WISER 2030-S is available now and will be demonstrated for the first time at Automotive Testing Expo Europe 2016, May 31 – June 2, at booth 1176 in Hall 1 at Messe Stuttgart in Stuttgart, Germany. To schedule a demonstration or to request more information, please [click here](#).

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About TECAT Performance Systems

TECAT Performance Systems was founded in 2010 by Dr. Douglas Baker, CTO and inventor of its torque telemetry system. The company designs and manufactures the smallest, lightest, most power-efficient wireless sensors available. These features enable the measurement of torque, acceleration, and atmospheric data in places never before accessed. The company is headquartered in Ann Arbor, Michigan. More information on TECAT Performance Systems is available at <http://tecatperformance.com/>.

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