

## PRESS RELEASE

### ***FOR IMMEDIATE RELEASE***

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### **NEW PRODUCT OPTION**

#### **High speed measurement option for precision power analyzer**

A new high-speed data-capture option has been introduced for the Yokogawa WT1800 precision power analyzer.

The new /HS option provides fast, accurate measurements of power parameters such as voltage, current, power, torque, speed and mechanical power with millisecond response. This allows it to capture numeric data on the change of status during one rotation of a motor when the motor is started, when the rotation speed changes, or when the load condition varies.

This new function takes advantage of the WT1800's sampling frequency (up to 2 MS/s) and its unique ability to carry out calculations on measured parameters in real-time.

The new high-speed data-capturing function can measure 3-phase voltage/current/power and torque/rotation speed/mechanical power every 5 ms (when external synchronization is off) or every 1-100 ms (depending on the clock signal frequency) if external synchronization is on. Wiring configurations include single phase for DC input, 3-phase 4-wire and 3-phase 3-wire (3V/3A).

It transmits a block of data every second to an internal or external memory or to a PC using a communications interface. Every second, the WT1800 updates its displays with the previous one second of data.

Major target markets for the WT1800 with the high-speed option include motor and inverter evaluation in the automotive and aerospace sectors as well as alternative energy and power conditioning applications.

For further information about the WT1800 precision power analyzer visit [www.tmi.yokogawa.com](http://www.tmi.yokogawa.com)

## **About Yokogawa Test & Measurement**

Yokogawa Test & Measurement Division is a major worldwide force in the test & measurement market, with products that include oscilloscopes, power meters, wireless and optical communications test equipment, portable test instruments, recorders and data-acquisition systems, and semiconductor-related test systems.

For more information about Yokogawa Test & Measurement, please visit the company's web site at <http://tmi.yokogawa.com/>

## **About Yokogawa**

Yokogawa Corporation of America is the North American division of Yokogawa Electric Corporation and a key part of Yokogawa's global network of 25 manufacturing facilities and 80 companies spanning 54 countries. Since its founding in 1915, the US \$3 billion company has been engaged in cutting-edge research and innovation, securing more than 7,200 patents and registrations, including the world's first digital sensors for flow and pressure measurement. Industrial automation and control, test and measurement, information systems and industry support are the core businesses of Yokogawa.

For more information about Yokogawa, please visit our website [www.yokogawa.com/us](http://www.yokogawa.com/us)

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