

Rohde & Schwarz showcases its latest oscilloscope portfolio highlights at PCIM 2017

For the first time, Rohde & Schwarz will exhibit its extensive oscilloscope portfolio at PCIM 2017 in Nuremberg. Visitors to hall 6, booth 224 will be treated to numerous highlights, from the portable R&S Scope Rider and the new entry-level R&S RTB2000 oscilloscope to the R&S RTO2000 high-performance oscilloscope with 6 GHz bandwidth. Other innovations include new accessories specifically targeted at power integrity measurements.

Munich, May 4, 2017 — One of the highlights at the Rohde & Schwarz booth at PCIM 2017 in Nuremberg will be the new entry-level **R&S RTB2000** oscilloscope for education, R&D and production. Starting at EUR 1,250, the R&S RTB2000 offers functionality previously available only in oscilloscopes with a significantly higher price tag. It is the first in its class with a 10-bit vertical resolution and 10 MSample per channel acquisition memory. The R&S RTB2000 also features an impressive 10.1" capacitive touchscreen. Oscilloscopes in the R&S RTB2000 series can be purchased with two or four channels and with bandwidths of 70 MHz, 100 MHz, 200 MHz or 300 MHz.

New measurement options for fast serial interfaces

New measurement options make the new 6 GHz model of the extremely powerful **R&S RTO2000** lab oscilloscope ideal for testing fast communications interfaces such as the 5 Gbit/s SuperSpeed USB and PCI Express (PCIe) 2.0 interfaces. Users will appreciate the new solution for USB power delivery (USB-PD). Rohde & Schwarz also supports the automotive industry with the first 1000Base-T1 compliance test solution for the R&S RTO2000.

In combination with the new R&S RT-ZM modular probe system, the R&S RTO2000 delivers a technically excellent solution for quickly and accurately measuring these fast signals. The probes offer a maximum bandwidth of up to 9 GHz, a DC offset range of ± 16 V and the MultiMode function that allows users to switch between test modes without recontacting.

Solutions for power integrity measurements

Their ability to handle multidomain applications make R&S RTO2000 oscilloscopes perfect for IoT applications, particularly for power integrity measurements. Rohde & Schwarz addresses this field of application with accessories such as the **R&S RT-ZPR20**, a high-sensitivity, extremely low-noise power rail probe with 2 GHz bandwidth.

Handheld and general-purpose equipment

The Rohde & Schwarz portfolio also includes handheld T&M equipment for installation, service and maintenance tasks in the field and in the lab. The **R&S Scope Rider RTH** is a robust, portable oscilloscope that combines eight instruments in one, making it the most versatile instrument in its class. Since the fully insulated, handheld instrument meets measurement category CAT IV requirements, it can be used to perform measurements at the source of low-voltage installations up to 600 V. The **R&S Spectrum Rider FPH** handheld spectrum analyzer has an amazingly low weight and a long battery life. It offers solid RF performance and measurement accuracy. With its large keys and touchscreen, it is easy and convenient to use.

The company will also showcase the new **R&S NGE100** compact power supply. The R&S NGE100 offers variable channel switching and versatile overload protection. And thanks to its state-of-the-art architecture, it is extremely small, compact and quiet.

Rohde & Schwarz will present these and other highlights from its T&M portfolio from May 16 to 18, 2017 at the PCIM in Nuremberg, hall 6, booth 224.

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Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in all fields of wireless communications as well as in IT security. Founded more than 80 years ago, the independent company has an extensive sales and service network with subsidiaries and representatives in more than 70 countries. On June 30, 2016, Rohde & Schwarz had approximately 10,000 employees. The group achieved a net revenue of approximately EUR 1.92 billion in the 2015/2016 fiscal year (July to June). The company is headquartered in Munich, Germany, and also has strong regional hubs in Asia and the USA.

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