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Pico Technology Releases New USB Mixed-Signal Oscilloscope



Editors: Download high-res images from <http://press.picotech.com/mediabank/PicoScope2000.html>

The PicoScope 2205 MSO gives you a two-channel oscilloscope combined with a 16-channel logic analyzer, all in one compact, portable USB instrument. Now you can view analog waveforms and digital data on the same screen with the efficient and easy-to-use PicoScope software.

The analog bandwidth is 25 MHz and the digital channels can accept signals as fast as 100 MHz. Maximum sampling rate is 200 MS/s. The PicoScope 2205 MSO is suitable for general-purpose analog and digital circuit design, testing and troubleshooting. As it's USB-powered, there is no AC adapter to carry: just plug it into your PC or laptop and start the software. The 48k-sample buffer is large enough to store multiple captures in rapid sequence as little as 2 microseconds apart.

The PicoScope software, included, delivers a high-resolution, uncluttered display and a range of advanced signal processing features: spectrum analyzer, automatic measurements with statistics, channel math, reference waveforms, multiple scope and spectrum views, I²C, UART, SPI and CAN bus serial decoding, XY mode, advanced triggers, mask limit testing, and color persistence display modes.

The 16 digital inputs can be displayed individually or in arbitrary groups labeled with binary, decimal or hexadecimal values. A separate logic threshold from -5 V to +5 V can be defined for each 8-bit input port. The digital trigger can be activated by any bit pattern combined with an optional transition on any input. Finally, analog and digital triggers can be combined using Boolean logic to enable complex mixed-signal triggering.

The Software Development Kit (SDK), also included, allows you to control the new scopes using your own software. The SDK and PicoScope are compatible with Microsoft Windows XP, Vista and Windows 7. Example programs in C, Excel and LabView are included.

The new PicoScope 2205 MSO is available now, priced at only £349 for the oscilloscope alone or £399 as a kit with two passive x1/x10 probes, a logic cable and test hooks. A generous 5-year warranty is included.

Press Release



About Pico Technology

Established in 1991, Pico Technology is a worldwide leader in the design, development and manufacture of high-performance PC Oscilloscopes and Data Loggers. Since then, Pico has built up an impressive portfolio of products including the PicoScope PC Oscilloscopes, covering a wide range of frequencies from DC to 12 GHz and including an MSO; the ADC-24 High-Resolution Data Logger; and the multi-award-winning Automotive Oscilloscope Kit.

Pico Technology prides itself on offering innovative, high-quality and affordable alternatives to traditional bench-top test and measurement equipment, designed and built under the ISO9001:2008 quality system. Pico Technology supports a network of distributors in over 60 countries worldwide who are helping to build and maintain its enviable reputation in the industry.

More information on Pico Technology can be found at www.picotech.com.

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