

# Press Release



## World's first 1 GS/s USB-powered oscilloscope!



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

The three new oscilloscopes in the PicoScope® 2000 Series are the first USB-powered oscilloscopes to offer a real-time sampling rate of 1 GS/s. With two channels, bandwidths ranging from 50 MHz to 200 MHz, a built-in function generator, arbitrary waveform generator and external trigger input, these compact and economical scopes are perfect for engineers and technicians needing a complete test bench in a single unit.

The scopes are supplied with a full version of the PicoScope oscilloscope software. As well as standard oscilloscope and spectrum analyzer functions, PicoScope includes valuable additional features such as serial decoding, mask limit testing, segmented memory and advanced triggers. It provides a large, clear display that shows waveforms in great detail and allows easy zooming and panning. Other advanced features include intensity- and color-coded persistence displays, math channels, automatic measurements with statistics, and decoding of I<sup>2</sup>C, UART/RS232, SPI and CAN bus data. Free updates to the software are released frequently.

Like all PicoScope oscilloscopes, the new PicoScope 2000 Series devices use digital triggering, which ensures lower jitter, greater accuracy and higher voltage resolution than the analog triggers found on many other scopes. The advanced trigger types include pulse width, interval, window, window pulse width, level dropout, window dropout, runt pulse, variable hysteresis, and logic.

A Software Development Kit (SDK), supplied free, allows you to control the new scopes from your own custom applications. The SDK includes example programs in C, C++, Excel and LabVIEW. The SDK and PicoScope are compatible with Microsoft Windows XP, Vista and Windows 7.

The new PicoScope 2000 Series oscilloscopes are available now from Pico distributors worldwide and from [www.picotech.com](http://www.picotech.com). Prices range from £349 for the 50 MHz PicoScope 2206 to £599 for the 200 MHz PicoScope 2208, including a 5-year warranty.

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## 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; 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](http://www.picotech.com).

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## Please direct all editorial enquiries to:

April Wright  
Pico Technology  
James House  
Colmworth Business Park  
St. Neots  
Cambridgeshire  
PE19 8YP  
United Kingdom

Tel: +44 (0) 1480 396 395  
Fax: +44 (0) 1480 396 296

Email: [april@picotech.com](mailto:april@picotech.com)