

Press Release



New USB oscilloscopes offer fastest sampling and deepest memory



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- 4 channels
- Up to 500 MHz bandwidth
- Function generator or arbitrary waveform generator in every model
- PicoScope software with all advanced features included in the price

The PicoScope 6000 Series oscilloscopes have the highest sampling rates and deepest memories of any oscilloscope in this price range. The six oscilloscopes in the series offer 4 channels with a maximum sampling rate of 5 GS/s, a range of input bandwidths from 250 MHz to 500 MHz, and buffer memory depths from 128 M to 1 G samples. With an option of either a built-in function generator or a built-in arbitrary waveform generator, these compact and economical scopes are perfect for engineers and technicians needing a complete test bench in a single unit.

The PicoScope oscilloscope software includes as standard all the oscilloscope and spectrum analyzer functions you would expect, as well as serial decoding, mask limit testing, segmented memory and advanced triggers: features that often cost extra on other manufacturers' scopes. Running on your Windows PC, PicoScope provides a large, clear display that shows waveforms in great detail and allows easy zooming and panning under keyboard or mouse control. Other built-in features include persistence displays with fast waveform update rates, math channels, automatic measurements with statistics, programmable alarms, and decoding of I²C, UART/RS232, SPI, CAN and LIN bus signals. Updates to the software are released free of charge.

The advanced triggering modes include pulse width, interval, window, window pulse width, level dropout, window dropout, runt pulse, variable hysteresis, and logic. Digital triggering ensures lower jitter, greater accuracy and higher voltage resolution than the analog triggering found on many competing scopes. The AUX input can be used as an additional trigger or as an external sampling clock.

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, or can be used with any other language that supports C calling conventions. The SDK and PicoScope software are compatible with Microsoft Windows XP, Vista and Windows 7.

The PicoScope 6000 Series oscilloscopes are available now from Pico distributors worldwide and from www.picotech.com. Prices range from £1995 for the 250 MHz PicoScope 6402A with function generator to £4495 for the 500 MHz PicoScope 6404B with AWG, including a 5-year warranty.

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About Pico Technology

Pico Technology has spent over 20 years leading the industry in the design, development and manufacture of high-performance PC Oscilloscopes and Data Loggers. During that time we have built up an impressive portfolio of products including the PicoScope PC Oscilloscope range with bandwidths up to 12 GHz, resolutions up to 16 bits and a mixed-signal model; the TC-08 and PT-104 Temperature Data Loggers; 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. We support a network of distributors in over 60 countries worldwide who are helping to build and maintain our enviable reputation in the industry.

More information on Pico Technology can be found at:

www.picotech.com

To receive regular updates, subscribe to our monthly newsletter at:

www.picotech.com/newsletter/

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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