

# PicoScope 3000 Series PC Oscilloscopes



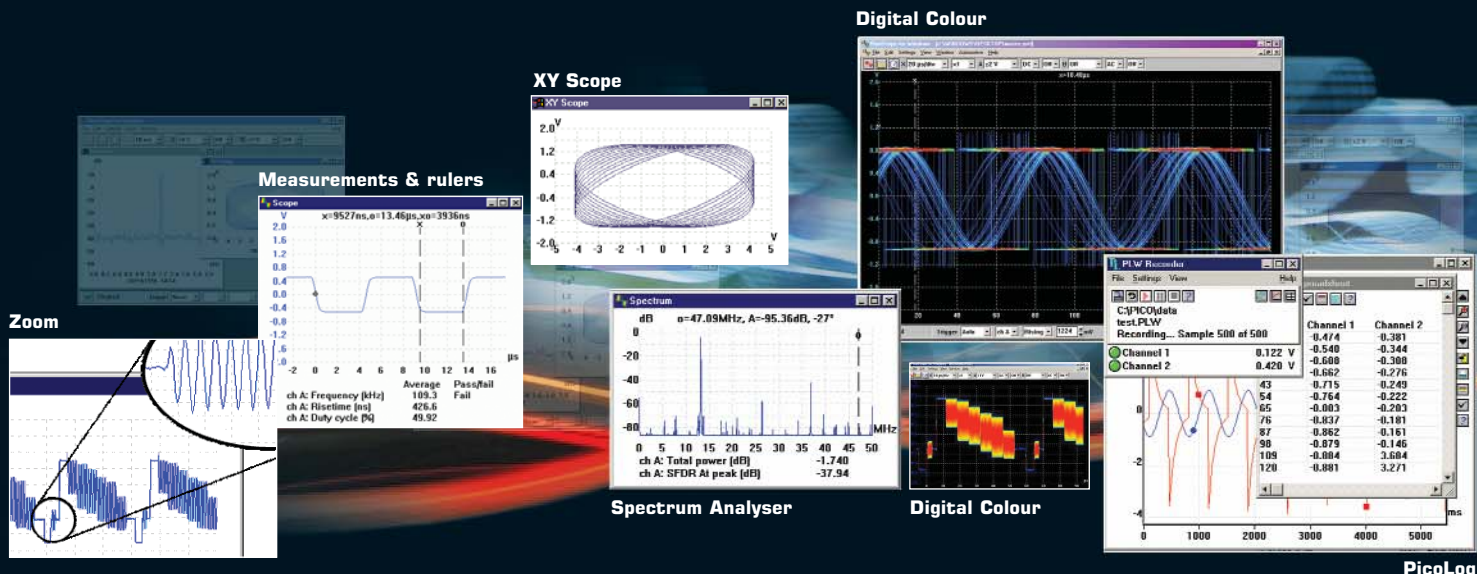
The PicoScope 3000 series oscilloscopes are the latest offerings from the market leader in PC oscilloscopes combining high bandwidths with large record memories. Using the latest advances in low power electronics, the oscilloscopes draw their power from the USB port of any modern PC, eliminating the need for mains power.

- **High performance: 10GS/s sampling rate & 200MHz bandwidth**
- **1MB buffer memory**
- **Advanced display & trigger modes**
- **Compact & portable**
- **Supplied with PicoScope (oscilloscope/spectrum analyser) & PicoLog (data acquisition) software.**

Product	Price
PicoScope 3204	£399
PicoScope 3205	£599
PicoScope 3206	£799

PicoScope	3204	3205	3206
Bandwidth	50MHz	100MHz	200MHz
Sampling rate (repetitive)	2.5GS/s	5GS/s	10GS/s
Sampling rate (single shot)	50MS/s	100MS/s	200MS/s
Channels	2+Ext trigger	2+Ext trigger/Sig gen	2+Ext trigger/Sig gen
Oscilloscope timebases	5ns/div to 50s/div	2ns/div to 50s/div	1ns/div to 50s/div
Timebase accuracy	50ppm	50ppm	50ppm
Spectrum ranges	0 to 25MHz	0 to 50MHz	0 to 100MHz
Record length	256K	512K	1MB
Resolution accuracy	8 bits / 3%		
Ranges	10mV to 2V/div		
PC Connection/Power supply	USB2.0 (USB1.1 compatible)		

# PicoScope 3000 Series PC Oscilloscopes Software Information



The PicoScope 3000 series PC oscilloscopes incorporate PicoScope software that turns your PC into an oscilloscope and spectrum analyser. PicoLog data acquisition software, also supplied, transforms your PC into a high speed data logger.

## PicoScope

PicoScope is flexible, easy to use and has many advantages over conventional instruments, including multiple views of the same signal, and on-screen display of voltage and time.

- Oscilloscope and spectrum analyser
- Easy to install and use
- Windows (98SE/ME/2000/XP) versions
- International language versions available
- No licence fees and free upgrades are available from our web site.

**Zoom** – With its X and Y zoom functions, PicoScope allows you to make full use of a large buffer memory.

**Measurements & rulers** – Both the oscilloscope and spectrum analyser provide automated measuring facilities. Measurements are displayed at the foot of the trace and can include a variety of statistical indicators.

**XY Scope** – PicoScope's XY mode enables the display of one or more numerical parameters. This is useful when comparing the phase of two signals or aligning mechanical equipment.

**Spectrum Analyser** – The spectrum analyser shows the amount of energy in each of a number of frequency bands. It is ideal for measuring the distortion of a signal or for tracking down noise.

**Digital Colour** – This mode is ideal for spotting intermittent glitches in digital signals.

## PicoLog

PicoLog is a powerful but flexible data acquisition program for collecting, analysing and displaying data over long or short periods of time. Data can be viewed both during and after data collection in spreadsheet or graphical format. If required, the data can also be easily exported to other applications.

## Software Drivers

For users who wish to write their own software or use our products with third party software, we provide a range of software drivers and examples free of charge. Drivers are included for all versions of Windows (98SE/ME/2000/XP). Programming examples are supplied for C, Delphi and Visual Basic. There is support for third party software such as Labview, Agilent VEE 6.1 and Excel.

Pico Technology Limited, PicoScope and PicoLog are internationally registered trademarks of Pico Technology Limited. Pico Technology also acknowledges the following product names as trademarks of their respective owners: Windows, Visual Basic, Labview, Agilent VEE, C, Delphi and Excel.