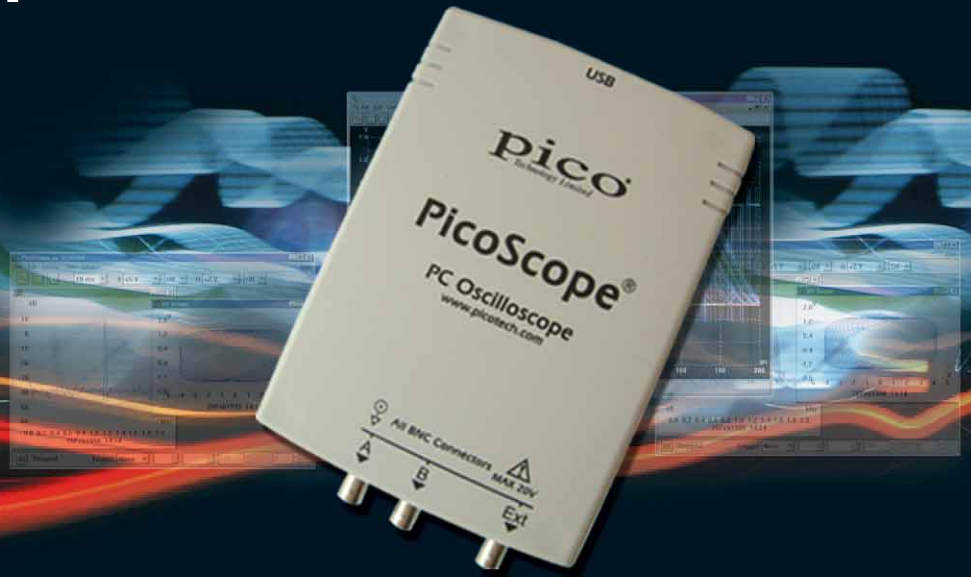


PicoScope 3000 Series PC Oscilloscopes



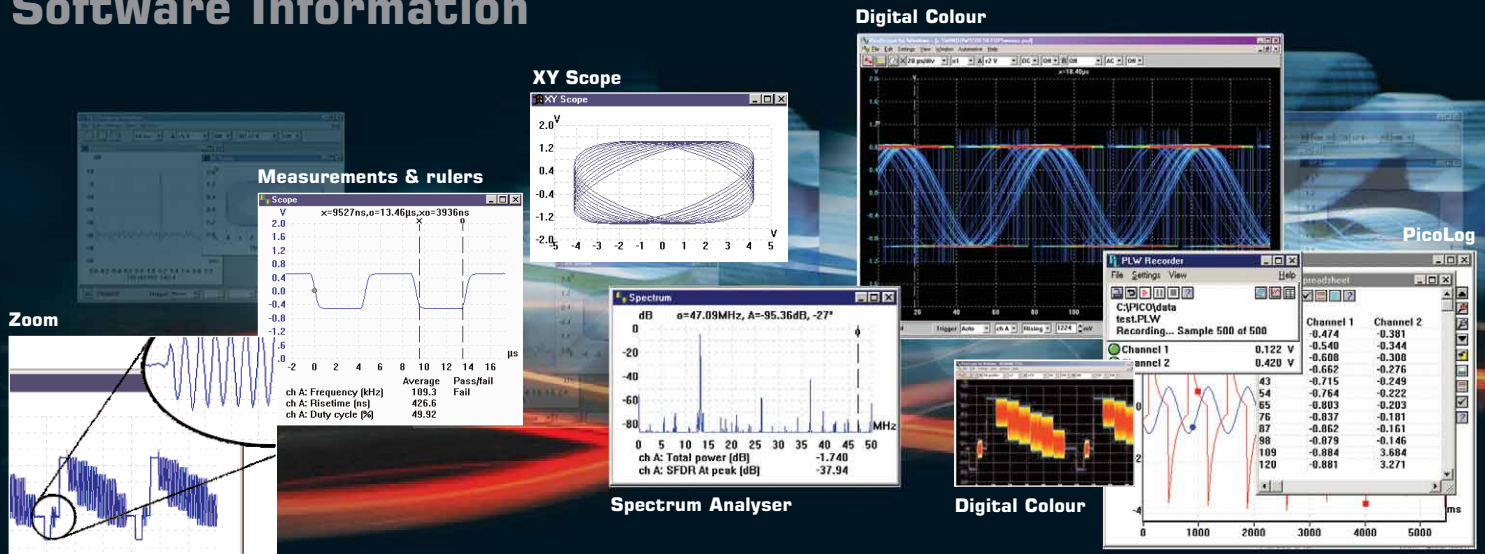
The PicoScope 3000 series oscilloscopes are the latest offerings from the market leader in PC oscilloscopes combining high bandwidths with large record memories. Using the latest advances in low power electronics, the oscilloscopes draw their power from the USB port of any modern PC, eliminating the 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/Sig gen | 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 free of charge, a range of software drivers and examples. 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.