

PicoScope High Resolution Oscilloscopes

PicoScope 4-Channel Oscilloscopes

When you need to view the relationship of several analogue signals, PicoScope 4-channel oscilloscopes are the intelligent solution that allow you to make precision measurements fast and efficiently.

With 4 channels, the PicoScope 3400 range of digital oscilloscopes are ideal for when you need to measure several analogue signals at once. Their ease-of-use and functionality allows you to make precision measurements fast and efficiently.

For general purpose use the PicoScope 3424 is a cost-effective replacement to a traditional digital storage oscilloscope, while the PicoScope 3423 has been specifically designed for use in automotive applications.

Also available is the 2-channel PicoScope 3224 high resolution PC oscilloscope.

- 4 Channels
- 12 bit resolution
- Accurate to within 1%
- 72 dB dynamic range
- High-speed USB interface

PicoScope 3424 Digital Oscilloscope

The PicoScope 3424 is the ideal 4-channel oscilloscope for general purpose and specialist, high precision use. This high resolution oscilloscope connects to the USB port on your laptop or desktop PC; along with providing the power for the PicoScope, the USB connection provides fast data transfer and makes the oscilloscope quick and easy to set up and use.

High resolution and accuracy

With 12 bit resolution and 1% accuracy, the PicoScope 3424 is able to detect changes as small as 0.024% (244 ppm) — making it the ideal 4-channel oscilloscope for testing audio circuits, and for measuring noise and vibrations.

High dynamic range

When the PicoScope 3424 is used as a spectrum analyser its high, 72 dB, dynamic range makes it the ideal tool for tracking down noise in sensitive analogue circuits.

Capture large and complex signals

The 512,000 sample buffer of the PicoScope 3424 enables large amounts of data to be captured at high sampling rates.

This allows you to capture fast-changing signals over relatively long periods of time, while the fast USB 2.0 interface ensures a quick screen update rate. After capturing these signals, any areas of interest can be magnified to allow you to examine every last detail of the signal.



Oscilloscope and data acquisition software

The PicoScope 3424 is supplied with PicoScope software that provides oscilloscope, spectrum analyser and multimeter functions. PicoScope software makes full use of your PC's processing capabilities allowing you to view real-time signals, zoom in on your signal, and save and print captured waveforms. The familiar Windows graphical interface

