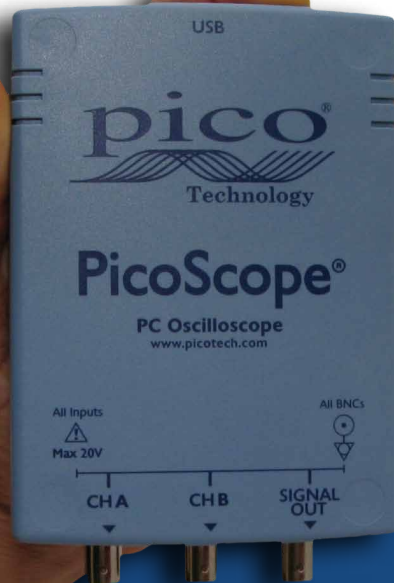
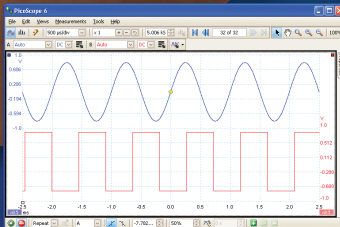


PicoScope[®] 2000 Series

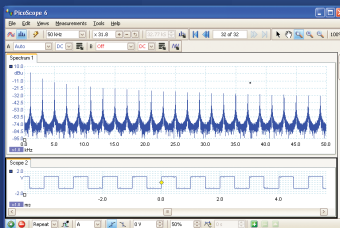
25 MHz PC Oscilloscopes



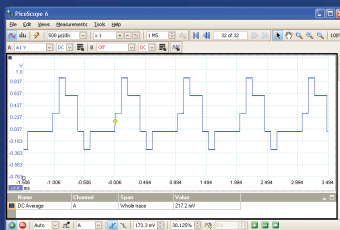
Oscilloscope



Spectrum Analyzer



Arbitrary Waveform Generator



Superb value for money from Pico Technology

- 40 MS/s to 200 MS/s real-time sampling rate
- Arbitrary waveform generator
- USB 2.0 interface for data and power
- 8 k to 16 k record length

All-in-One Instruments

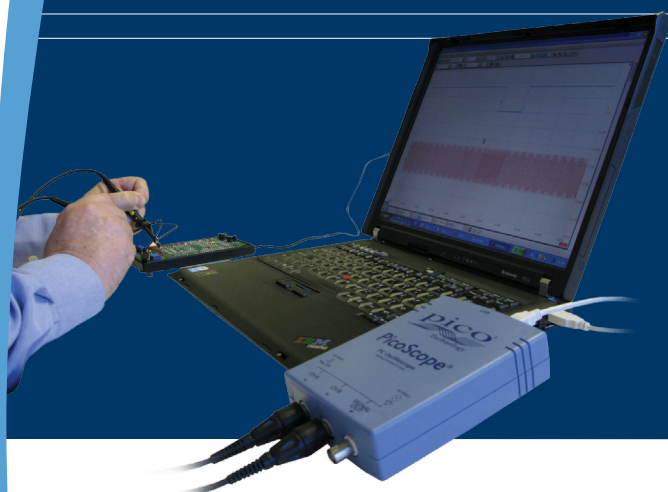
The PicoScope 2000 Series PC Oscilloscopes are extremely versatile, with an oscilloscope, spectrum analyzer and arbitrary waveform generator included in every model. The compact, portable scopes fit easily in a laptop bag, and their robust cases have three BNC connectors—Channel A, Channel B and Signal Out—and a USB connector.

Convenience and Speed

The PicoScope 2000 Series scopes obtain their power from the USB 2.0 interface, so there's no need for an external power supply. The USB port also delivers high-speed data to your PC to give you a responsive, high-resolution display.

Advanced Software

The scopes are bundled with the same PicoScope software for Windows that comes with our high-end scopes. PicoScope is easy to use, and can export data in a variety of graphical, text and binary formats. Also included are drivers and example programs. The PicoLog software, also included, lets you log data for long periods of time.



PicoScope 2203		PicoScope 2204	PicoScope 2205
5 MHz		10 MHz	25 MHz
		2	
		8 bits	
		12 bits	
		48 dB	
		3%	
±50 mV, ±100 mV, ±200 mV, ±500 mV, ±1 V, ±2 V, ±5 V, ±10 V, ±20 V			
1 MΩ 20 pF or less			
±100 V on single input			
single-ended, BNC connector			
AC or DC (software-controlled)			
40 MS/s (1 GS/s with ETS)	100 MS/s (2 GS/s with ETS)	200 MS/s (4 GS/s with ETS)	
8,000 samples	8,000 samples	16,000 samples	
2 M samples per channel			
500 ns, 1 μs, 2 μs, 5 μs... and so on up to 50 s, 100 s, 200 s per division			
100 ppm with 3 ps jitter			
Ch A or Ch B			
rising edge, falling edge, threshold		advanced ^[3]	
BNC			
4 k words			
8 bits			
±250 mV to ±2 V pk-pk with ±1 V offset			
600 Ω			
2 MHz			
DC to 1 MHz			
5 °C to 45 °C			
USB 2.0			
from USB			
100 x 135 x 45 mm (approx. 4 x 5.4 x 1.8 in)			
210 g (approx. 7.4 oz)			
FCC, CE			

- [1] Real-time sampling rate with one channel in use.
Shared equally if two channels in use.
Figures in parentheses are for Equivalent Time Sampling (ETS) mode.
- [2] Memory shared between two channels if both in use.
- [3] Rising edge and falling edge with hysteresis; pulse width; dropout; windowed; logic.

PACK CONTENTS

PicoScope® 2000 Series Oscilloscope
Software and Reference CD
Installation guide
USB cable

ORDER CODES and PRICES

ORDER CODE	DESCRIPTION	£
PP418	PicoScope 2203	159
PP419	PicoScope 2204	225
PP420	PicoScope 2205	295