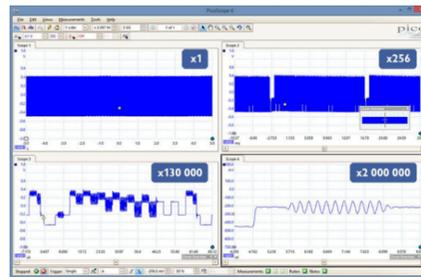
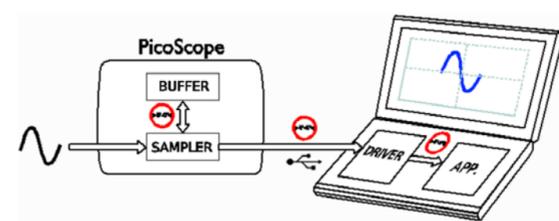
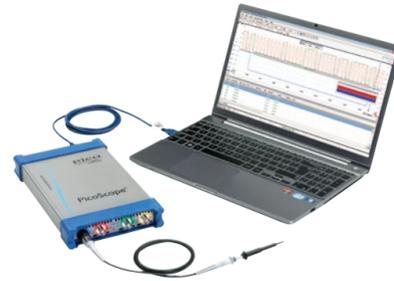


Deep memory high performance oscilloscope – PicoScope 6000 series

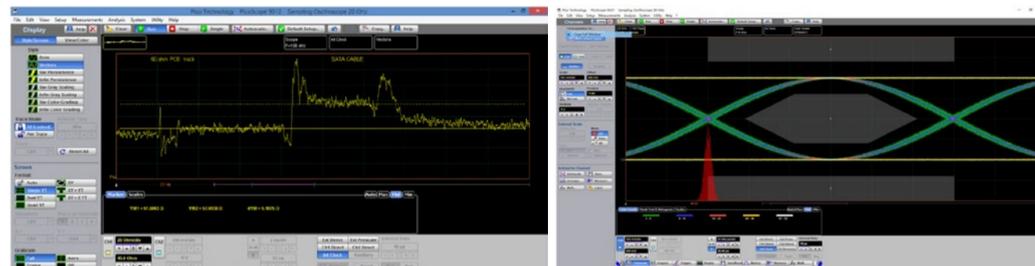
- Bandwidth: 250 MHz-1 GHz
- Sampling rate: 5 GS/s
- Capture memory: 2 GS
- Maximum sampling rate in continuous streaming mode using supplied SDK: 150 MS/s

The PicoScope 6404D has the deepest buffer memory available as standard on any oscilloscope. Deep memory allows the scope to sample at higher speeds for longer periods without gaps. For example, even at the maximum sampling rate of 5 GS/s, the PicoScope 6404D can capture 200 ms of uninterrupted data. Zoom, pull and buffer overview tools in the PicoScope software make it easy to find details of interest.



High speed serial data and TDR/TDT test solutions – PicoScope 9000 series

- Bandwidth: 25 GHz
- Real-time sampling rate: 1 MS/s
- CDR: 6.3 Mb/s-11.3 Gb/s
- Optical input bandwidth: 9.5 GHz
- ADC: 16 Bits
- Equivalent Sampling Rate: 15 TS/s
- Rise time: 14 ps
- Signal source: Pulse/Clock/NRZ/RZ
- Eye diagram, Jitter, Extinction ratio measurement of electrical/optical signal
- TDR Pulse: < 65 ps or < 45 ps
- Characteristic impedance, loss, delay measurement of cables/connectors/PCB traces
- High bandwidth probe PicoConnect 900: 4 GHz-9 GHz bandwidth; Fingertip browse or solder-in; Divide by 5:1, 10:1, 20:1; AC or DC coupling; Support all instruments with 50Ω input like real-time oscilloscope, sampling oscilloscope, spectrum analyzer, vector network analyzer, protocol analyzer.



Cost efficiency & Portable Vector Network Analyzer-PicoVNA 106

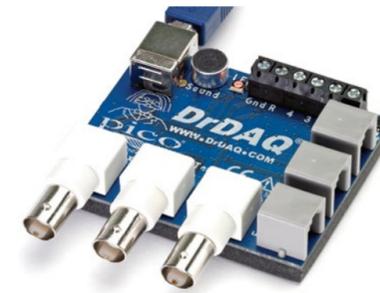
- 300 kHz to 6 GHz operation
- 118 dB dynamic range at 10 Hz bandwidth
- 0.005 dB RMS trace noise at bandwidth of 140 kHz
- 5000 points/s, S2P measurement
- Test automation, field service, installation test, embedded and classroom applications
- Inspection, test, characterization and calibration in the manufacture, distribution and service center industries
- Electronics component, assembly and system, and interface/interconnect ATE (cable, PCB and wireless)
- Material, geological, life science and food sciences; tissue imaging; penetrating scan and radar
- Broadband cable and harness test at manufacture, installation and fault-over-life monitoring
- Antenna matching and tuning



Data Doctor – DrDAQ

- 14 channels, USB connection and power
- One laptop can control up to 20 DrDAQs

Whether you're a teacher, student, hobbyist or professional, the USB DrDAQ Data Logger gives you an inexpensive entry into the world of PC-based data logging. Thanks to the power of PicoScope, you can also use your DrDAQ as an oscilloscope and spectrum analyzer. Just run the supplied PicoScope software and your DrDAQ becomes a single-channel scope with 100 kHz bandwidth, 8-bit resolution and the ability to measure voltages up to 10 V. With its built-in sensors for light, sound and temperature, you can start using your USB DrDAQ data logger straight out of the box. The USB DrDAQ also has an RGB LED that you can program to show any of 16.7 million colors. Your USB DrDAQ also includes 4 digital input/outputs. In input mode these give you even more monitoring options. When used as outputs they enable you to use your DrDAQ to control external devices. DrDAQ can also be used to test Redox/ORP, Resistance and so on with external sensors.



About Pico Technology

Pico Technology is a UK company who has spent over 26 years leading the industry in the design, development and manufacture of high-performance PC Oscilloscopes and Data Loggers. Now it is the market leader in PC Oscilloscopes - the modern alternative to the traditional benchtop oscilloscope. During that time we have built up an impressive portfolio of products including the PicoScope PC Oscilloscope range with bandwidths up to 25 GHz, resolutions up to 16 bits and mixed-signal and flexible-resolution models, 4 true different inputs and 2GS deep memory models; 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. Get more information about Pico Technology and its products, please visit our website: www.picotech.com, or call us: +86 21 22265152, or email us: pico.china@picotech.com.

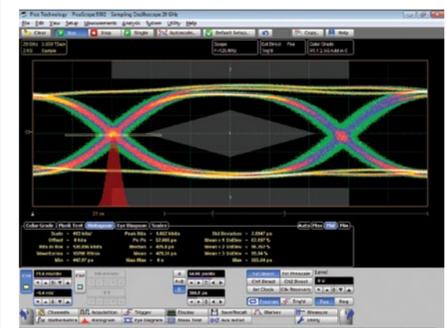
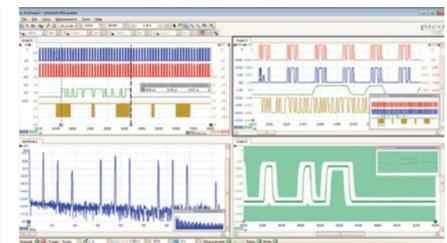


www.picotech.com

Room 2252, Centro 22/F, 568 Hengfeng Road, Jingan District, Shanghai, China, 200070
 ☎ 021-22265152 ✉ pico.china@picotech.com



- Six instruments in one, portable, economic oscilloscope
- 16 Bits high resolution and 8 Bits-16 Bits flexible resolution oscilloscope
- 2 GS deep memory oscilloscope
- 4 true differential inputs and 14 Bits high resolution oscilloscope
- USB 3.0 bus supports continuous data recording without gaps up to 150 MS/s
- 300 KHz-6 GHz PC-Based cost-efficiency Vector Network Analyzer
- 5 MHz-25 GHz Analog Bandwidth
- 8 KS-2 GS Capture Memory
- 8 channels and 12 Bits oscilloscope
- 19 decode options as standard





	PicoScope 2000 Series			PicoScope 3000 Series		4224 and 4424
	2000A models	2000B models	2000A & B MSO models	3000D models	3000D MSO models	
Description	Power and performance in your hand	Benchtop performance in a pocket-sized scope	Mixed signal oscilloscopes	Fast sampling with deep memory	Mixed signal oscilloscopes	High resolution oscilloscopes
Channels	2 or 4	2 or 4	2 analog + 16 digital	2 or 4 + EXT	2 or 4 analog + 16 digital	2 or 4
Outputs	FG + AWG 100 kHz / 1 MHz	FG + AWG 1 MHz	FG + AWG 1 MHz	FG + AWG 1 MHz	FG + AWG 1 MHz	None
Analog bandwidth	10 to 25 MHz	50 to 100 MHz	25 to 100 MHz	50 to 200 MHz	50 to 200 MHz	20 MHz
Sampling rate	100 to 500 MS/s	500 MS/s to 1 GS/s	500 MS/s to 1 GS/s	1 GS/s	1 GS/s	80 MS/s
Resolution (enhanced)	8 bits (12 bits)	8 bits (12 bits)	8 bits (12 bits)	8 bits (12 bits)	8 bits (12 bits)	12 bits (16 bits)
Capture memory	8 kS to 48 kS	32 MS to 128 MS	48 kS to 128 MS	64 MS to 512 MS	64 MS to 512 MS	32 MS
Power	USB	USB	USB	USB or AC adaptor	USB or AC adaptor	USB



PicoScope 4000 Series			PicoScope 5000 Series	PicoScope 6000 Series	PicoScope 9000 Series
PicoScope 4262	PicoScope 4444	PicoScope 4824			
Digital oscilloscope for the analog world	High-resolution differential oscilloscopes	8 channel oscilloscope	Flexible Resolution oscilloscopes	Highest performance real-time oscilloscopes	Sampling oscilloscopes
2 + EXT	4 true differential	8	2 or 4 + EXT	4 + AUX input	2 electrical (+ 1 optional optical), 4 electrical
AWG and low-distortion sine wave generator	Probe compensation signal	FG + AWG	FG or FG + AWG	FG or FG + AWG	PRBS, Clock, diff. TDR/TDT
5 MHz	20 MHz	20 MHz	60 to 200 MHz	250 MHz to 1 GHz	12 or 25 GHz
10 MS/s	Up to 400 MS/s	80 MS/s	250 MS/s to 10 GS/s	5 GS/s	200 kS/s to 1 MS/s
16 bits (20 bits)	Flexible 12- or 14-bit	12 bits (16 bits)	8, 12, 14, 15 and 16 bits (up to 20 bits)	8 bits (12 bits)	16 bits
16 MS	256 MS	256 MS	8 to 512 MS	256 MS to 2 GS	4 kS to 32 kS
USB	USB	USB	USB or AC adaptor	AC adaptor	AC adaptor



Voltage Data Loggers PicoLog1000/ADC20/ADC24	Current Data Loggers PicoLog CM3	Thermocouple temperature data loggers TC-08	PRT temperature data loggers PT-104	Vector Network Analyzer PicoVNA 106
8/12/16 Channels	3 Channels	8 Channels	4 Channels	2 Channels
10/12/20/24 Bits ADC	24 Bits ADC	20 Bits ADC	24 Bits ADC	300 KHz-6 GHz frequency range

Six instruments in one, portable, economic oscilloscope – PicoScope 2000 series

- 10,25,50,70 MHz & 100 MHz
- Capture memory from 8 kS to 128 MS
- Sampling rate from 100 MS/s to 1 GS/s
- Digital oscilloscope
- Function generator
- Arbitrary Waveform Generator
- Logic analyzer
- Protocol analyzer
- Spectrum analyzer

PicoScope can decode 1-Wire, ARINC 429, CAN, CAN FD, DCC, DMX512, Ethernet, FlexRay, I²C, I²S, LIN, PS/2, SENT, SPI, UART (RS-232 / RS-422 / RS-485), Modbus and USB 1.1 protocol data as standard, with more protocols in development and available in the future with free-of-charge software upgrades.

The SDK allows you to write your own software and includes drivers for Microsoft Windows, Apple Mac (OS X) and Linux, including Raspberry Pi and BeagleBone. Example code shows how to interface to third-party software packages such as C, C#, Microsoft Excel, National Instruments LabVIEW and MathWorks MATLAB.

- "Great functionality in a compact size"
- "Simplicity and low weight when traveling overseas"
- "USB power, small size, an ideal choice for field use and system integration"

8 channels & 12 Bits high resolution oscilloscope – PicoScope 4824

- 8 channels, 12 Bits ADC (16 Bits software enhanced)
- 20 MHz Bandwidth, 80 MS/s sampling rate, 256 MS capture memory
- USB 3.0 interface, internal Arbitrary Waveform Generator and Function Generator

The PicoScope 4824 is a low-cost, portable solution for multi-input applications. With 8 high-resolution analog channels you can easily analyze audio, ultrasonic, vibration and power waveforms, check timing of complex systems, and perform a wide range of precision measurement tasks on multiple inputs at the same time. All of this fits into the same small footprint as the PicoScope 3000 and 5000 Series. The BNC connectors still accept the vast majority of probes and accessories with ample spacing of 20 mm.

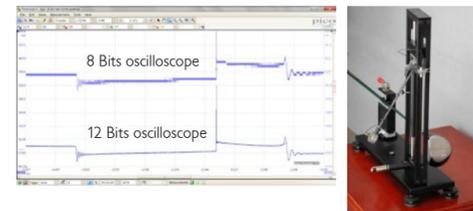
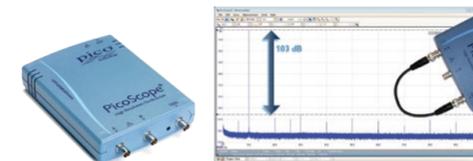
16 Bits high resolution and low noise oscilloscope (Dynamic analyzer – PicoScope 4262)

- 16 Bits ADC
- 8.5 uV (RMS) baseline noise & 96 dB dynamic range
- 5 MHz bandwidth

The high resolution of the PicoScope 4000 series makes them ideal for low-noise, low-distortion measurements, and the built-in signal generators removes the need for an additional signal source. They can easily analyze audio, ultrasonic and vibration signals and characterize noise in switched mode power supplies, measure distortion in audio systems and perform a wide range of precision measurement tasks.

The 16 Bits PicoScope 4262 has unrivalled dynamic performance and can outperform many dedicated (and expensive) audio analyzers.

The right picture shows the comparison of the measurement results of a vehicle ignition signal by 8 Bits oscilloscope and 12 Bits oscilloscope and worldwide Golfing Association using 4000 series to check golf club deflection under swing load.



Flexible ADC resolution oscilloscope – PicoScope 5000 series

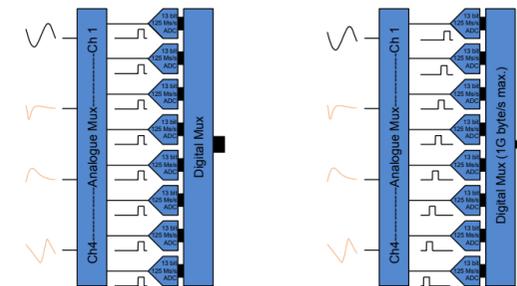
- Bandwidth: 60 MHz-200 MHz
- Sampling rate: 62.5 MS/s-1 GS/s
- ADC resolution: 8 Bits-16 Bits
- Capture memory: 16 MS-512 MS
- Built-in Function Generator and Arbitrary Waveform Generator with 14 Bits, 20 MHz bandwidth, 48 ks buffer size
- Both high speed acquisition for digital signal and accurate acquisition for analog signal can be accomplished through flexible ADC resolution in one instrument
- Switch between 8, 12, 14, 15 and 16 Bits resolutions, up to 20 Bits with software enhancement.
- Best performance & Cost efficiency

Parallel Clocked ADCs

- 4 Ch 14 Bits @ 125 MS/s
- 2 Ch 15 Bits @ 125 MS/s
- Or
- 1 Ch 16 Bits @ 62.5 MS/s

Serial Interleave ADCs

- 1 Ch 8 Bits @ 1 GS/s
- Or
- 1 Ch 12 Bits @ 500 MS/s



High-resolution true differential oscilloscope – PicoScope 4444

- 4 true differential inputs
- Capture memory: 256 MS
- ADC: 12 Bits or 14 Bits
- CATIII Voltage Test: 1000V

With four true differential inputs, 12 to 14 Bits resolution and wide differential and common-mode voltage ranges, the PicoScope 4444 and its accessories offer accurate and detailed measurement for a multitude of applications, from low-amplitude biomedical and electronic uses to 1000 V CAT III design and test.

