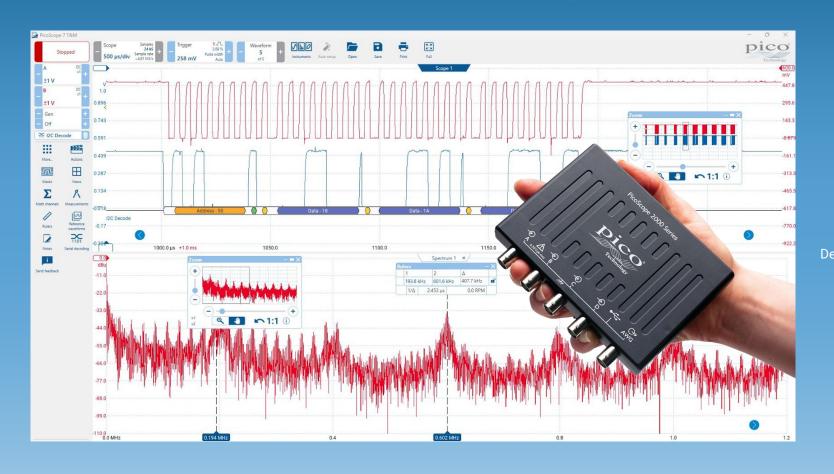


PicoScope® 2000 Series

Ultra-compact PC oscilloscopes
The compact alternative to a benchtop oscilloscope



2 or 4 analog channels

MSO models with 16 digital channels

Up to 100 MHz bandwidth

Up to 1 GS/s sampling rate

Up to 128 MS capture memory

Built-in arbitrary waveform generator

USB-connected and powered

Decode over 38 serial protocols as standard

Introducing the PicoScope 2000 Series

The PicoScope 2000 Series offers you a choice of 2-channel and 4-channel oscilloscopes, plus mixed-signal oscilloscopes (MSOs) with 2 analog + 16 digital inputs. All models feature a spectrum analyzer, function generator, arbitrary waveform generator and serial bus analyzer, and the MSO models also include a logic analyzer.

The PicoScope 2000A models all deliver unbeatable value for money, with excellent waveform visualization and measurement to 25 MHz for a range of analog and digital electronic and embedded system applications. They are ideal for education, hobby and field service use.

The PicoScope 2000B models have the added benefits of deep memory (up to 128 MS), higher bandwidth (up to 100 MHz) and faster waveform update rates, giving you the performance you need to carry out advanced analysis of your waveform, including serial decoding and plotting measurements against time.



2-channel oscilloscope: 2204A and 2205A



4-channel oscilloscope



2-channel oscilloscope: 2206B, 2207B and 2208B



2+16-channel mixed-signal oscilloscope (MSO)

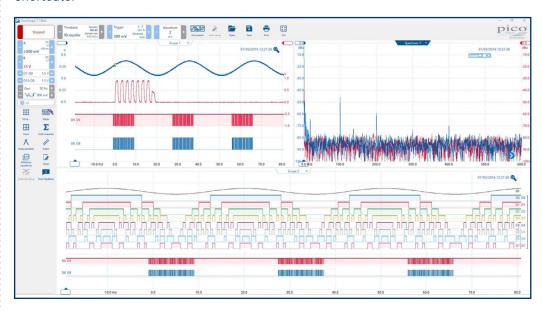
Advanced oscilloscope display

One of the biggest differences between using a PicoScope and a benchtop scope is the display. After a few minutes of viewing waveforms on a laptop or PC monitor you will not want to go back to the small, cluttered low-resolution display of a benchtop.

PicoScope software dedicates almost all of the display area to the waveform. This ensures that the maximum amount of data is seen at once.

With a large display area available, you can also create a customizable split-screen display, and view multiple channels or different views of the same signal at the same time. As the example shows, the software can even show multiple oscilloscope and spectrum analyzer traces at once. Additionally, each waveform shown works with individual zoom, pan, and filter settings for ultimate flexibility.

The PicoScope software can be controlled by mouse, touchscreen or keyboard shortcuts.



Powerful, portable and super-small

The PicoScope 2000 Series oscilloscopes are compact enough to fit easily into your laptop bag along with all their probes and leads. These modern alternatives to bulky benchtop devices are ideal for a wide range of applications including design, test, education, service, monitoring, fault-finding and repair, and are perfect for engineers on the move.



High signal integrity

At Pico Technology we're proud of the dynamic performance of our products. Careful front-end design and shielding reduce noise, crosstalk and harmonic distortion. Decades of oscilloscope design experience can be seen in improved pulse response and bandwidth flatness.

The result is simple: when you probe a circuit, you can trust in the waveform you see on the screen.



Fast sampling

The PicoScope 2000 Series oscilloscopes provide fast real-time sampling rates of up to 1 GS/s on the analog channels. This represents a timing resolution of 1 ns.

For repetitive analog signals, equivalent-time sampling (ETS) mode can boost the maximum effective sampling rate up to 10 GS/s, allowing even finer resolution down to 100 ps. All scopes support pre-trigger and post-trigger capture using the full memory depth.

High-end features as standard

Buying a PicoScope is not like making a purchase from other oscilloscope companies, where increased functionality can considerably raise the price. PicoScopes are all-inclusive instruments, with no need for expensive upgrades to unlock the hardware. Other advanced features such as resolution enhancement, mask limit testing, serial decoding, advanced triggering, automatic measurements, math channels (including the ability to plot measurements against time), XY mode and segmented memory are all included in the price.

USB connectivity



The USB connection makes printing, copying, saving, and emailing your data from the field quick and easy. The high-speed USB interface allows fast data transfer, while USB powering removes the need to carry around a bulky external power supply.

Flexibility

The PicoScope software offers a breadth of advanced features with a user-friendly interface. PicoScope software is available for Windows, Linux and macOS systems with full feature parity across all three, giving you the freedom to operate your PicoScope from your chosen platform.

Unique commitment to product support

Your PicoScope gets better the longer you use it, thanks to the regular free updates we supply for both the PC software and the oscilloscope firmware throughout the life of the product. The performance and functionality of the scope both keep improving, without you paying a penny more than the purchase price.

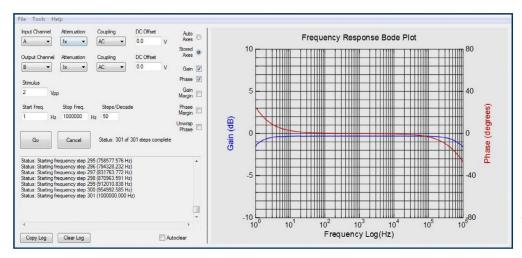
This level of support, combined with the personal service provided by our technical and sales support teams, is reflected in consistently excellent customer feedback.

PicoSDK - write your own apps

Our free software development kit, PicoSDK, allows you to write your own software and includes drivers for Windows, macOS and Linux. Example code supplied on our <u>GitHub organization page</u> shows how to interface to third-party software packages such as National Instruments LabVIEW and MathWorks MATLAB, as well as programming languages including C/C++, C# and Python.

Among other features, the drivers support data streaming, a mode that captures continuous gap-free data directly to your PC or host computer at rates of up to 80 MS/s, so you are not limited by the size of your scope's capture memory. Sampling rates in streaming mode are subject to PC specifications and application loading.

There is also an active community of PicoScope users who share both code and whole applications on our <u>Test and Measurement Forum</u> and the <u>PicoApps</u> section of the website. The Frequency Response Analyzer shown here is a popular application on the forum.

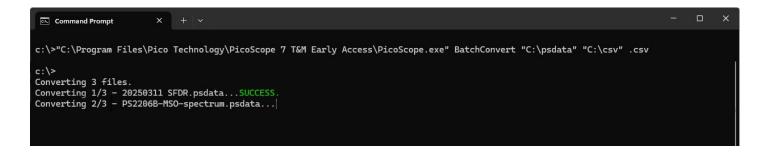


```
ScopeSettingsPropTree.clear();
   wstring appVersionStringW = wstring_convert<codecvt_utf8<wchar_t>>().from_bytes(appVersionString);
   ScopeSettingsPropTree.put( L"appVersion", appVersionStringW );
   ScopeSettingsPropTree.put( L"picoScope.inputChannel.name", L"A" )
   ScopeSettingsPropTree.put( L"picoScope.inputChannel.attenuation", ATTEN_1X );
   ScopeSettingsPropTree.put( L"picoScope.inputChannel.coupling", PS_AC );
   ScopeSettingsPropTree.put( L"picoScope.inputChannel.dcOffset", L"0.0" )
   ScopeSettingsPropTree.put( L"picoScope.inputChannel.startingRange", -1 ); // Base on stimulus
   ScopeSettingsPropTree.put( L"picoScope.outputChannel.name", L"B" );
   ScopeSettingsPropTree.put( L"picoScope.outputChannel.attenuation", ATTEN_1X );
   ScopeSettingsPropTree.put( L"picoScope.outputChannel.coupling", PS_AC );
   ScopeSettingsPropTree.put( L"picoScope.outputChannel.dcOffset", L"0.0" );
   ScopeSettingsPropTree.put( L"picoScope.outputChannel.startingRange", pScope->GetMinRange(PS_AC) );
   \label{eq:midSigGenVpp} \mbox{ = floor((pScope->GetMinFuncGenVpp() + pScope->GetMaxFuncGenVpp()) / 2.0);}
   stimulusVppSS << fixed << setprecision(1) << midSigGenVpp
   maxStimulusVppSS << fixed << setprecision(1) << pScope->GetMaxFuncGenVpp();
   startFreqSS << fixed << setprecision(1) << (max(1.0, pScope->GetMinFuncGenFreq())); // Make frequency at least 1.0 since 0.0 (DC) makes no sense for FRA
   stopFreqSS << fixed << setprecision(1) << (pScope->GetMaxFuncGenFreq());
```

Copyright © 2014-2025 Aaron Hexamer. Distributed under GNU GPL3

Convert PicoScope files from the command line interface (CLI)

PicoScope can be invoked from the Windows, macOS or Linux command line to convert PicoScope data (.psdata) files in an input folder into CSV, text or MATLAB files in an output folder. This enables bulk conversion of saved PicoScope files into other formats for further analysis or processing in external programs.

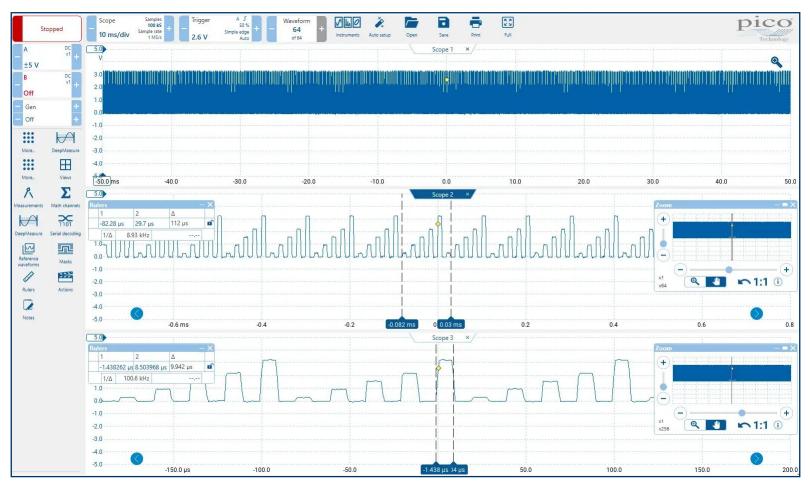


Deep capture memory

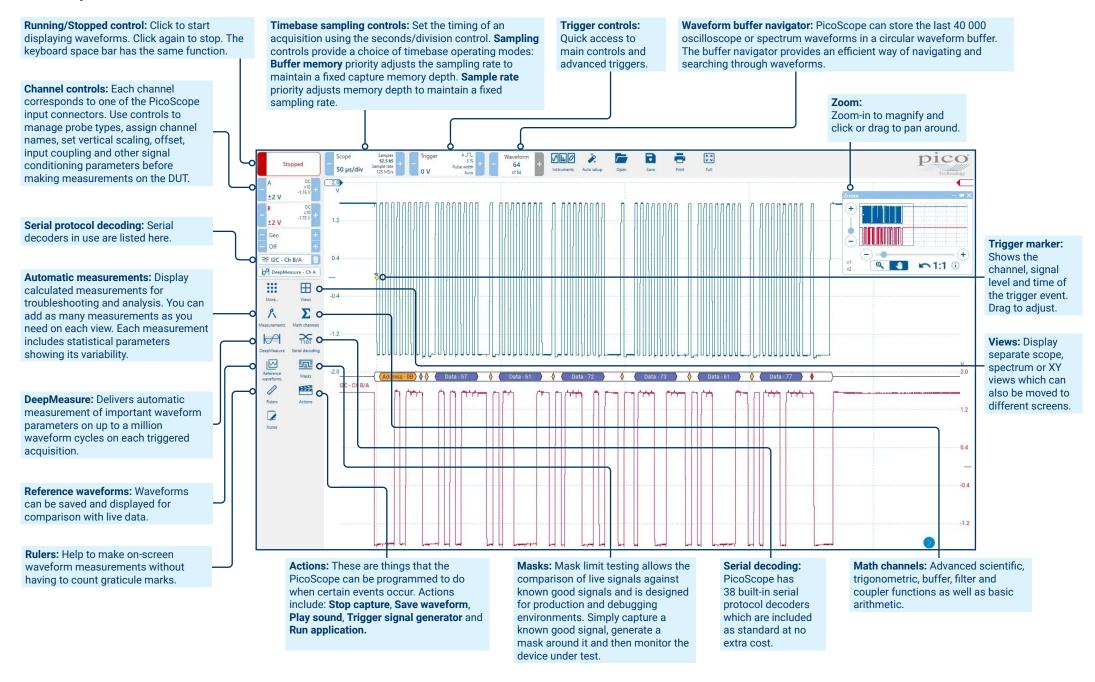
PicoScope 2000 Series models have waveform capture buffers ranging from 32 to 128 megasamples – many times larger than competing scopes. Deep memory enables the capture of long-duration waveforms at maximum sampling speed. In fact, some PicoScope 2000 Series models can capture 100 ms waveforms with 1 ns resolution. In contrast, the same 100 ms waveform captured by an oscilloscope with a 10 megasample memory would have just 10 ns resolution.

Deep memory can be useful in other ways too: PicoScope lets you divide the capture memory into a number of segments, up to a maximum of 40 000. You can set up a trigger condition to store a separate capture in each segment, with as little as 1 µs dead time between captures. Once you have acquired the data, you can step through the memory one segment at a time until you find the event you are looking for.

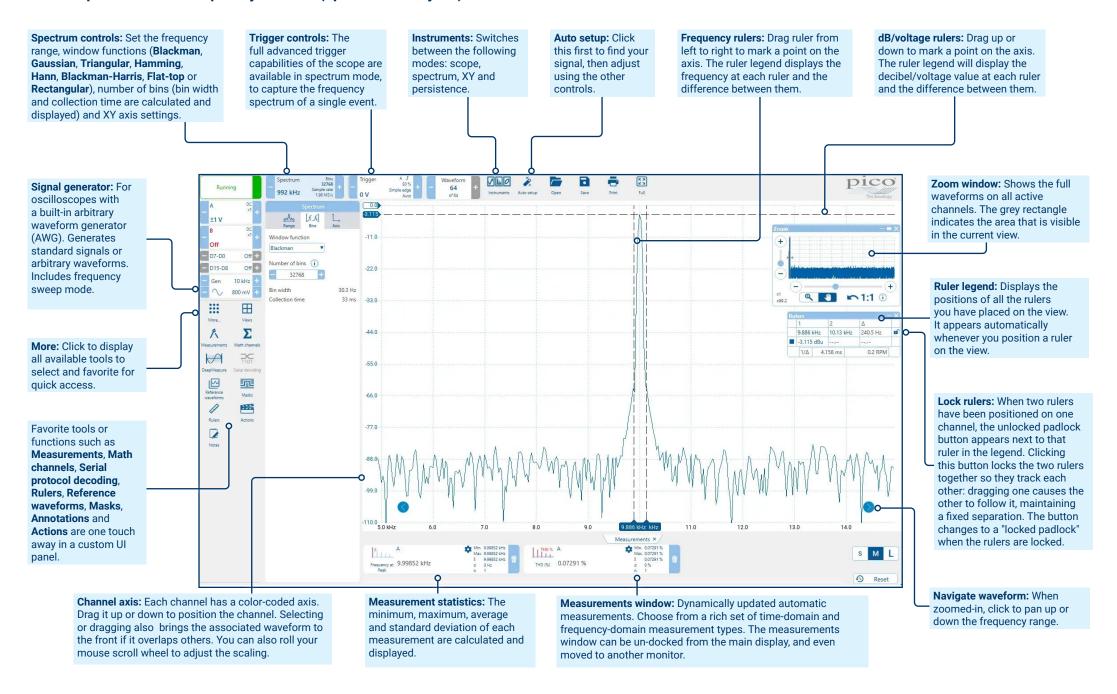
Powerful tools are included to allow you to manage and examine all of this data. As well as functions such as mask limit testing and color persistence mode, the PicoScope software enables you to zoom into your waveform by a factor of several million. The Zoom Overview window allows you to easily control the size and location of the zoom area. Other tools, such as the waveform buffer, serial decoding and hardware acceleration work with the deep memory, making the PicoScope 2000 Series some of the best-value oscilloscopes on the market.



PicoScope software - time domain view

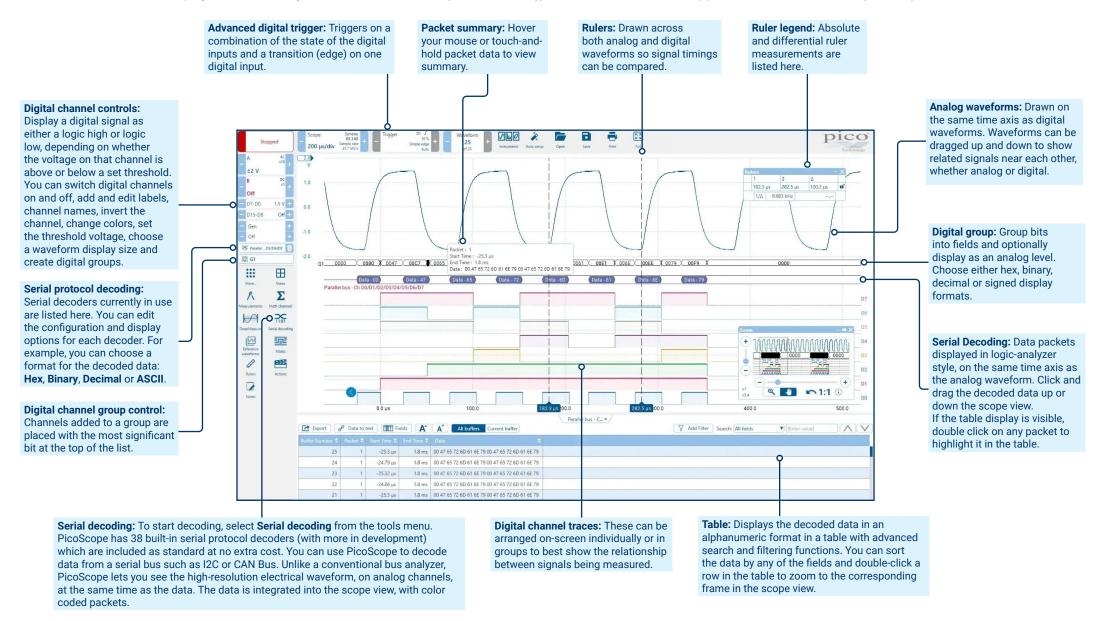


PicoScope software - frequency domain (spectrum analyzer) view



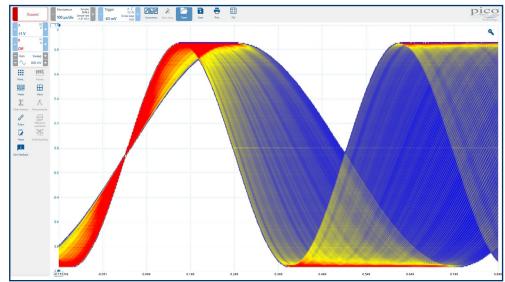
PicoScope software: mixed-signal (MSO) models

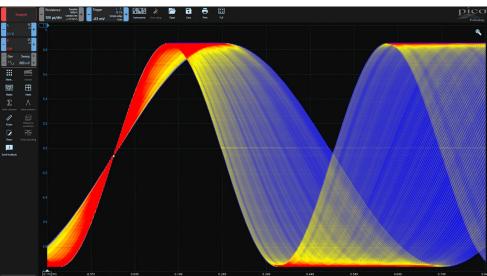
PicoScope 2000 MSO models include digital channels, enabling you to accurately time-correlate analog and digital signals. Digital channels may be grouped and displayed as a bus, with each bus value displayed in hex, binary or decimal or as a level (for DAC testing). You can set advanced triggers across both the analog and digital channels.



Persistence mode

Advanced display modes allow you to see old and new data superimposed, with new data in a brighter color or shade. This makes it easy to see glitches and dropouts and to estimate their relative frequency. Choose between time persistence mode, where the newest waveforms are drawn with highest intensity and fade gradually over time, or frequency persistence mode as shown below, where those waveform elements which repeat most often are shown in a brighter color and infrequent or intermittent events in a cooler color.





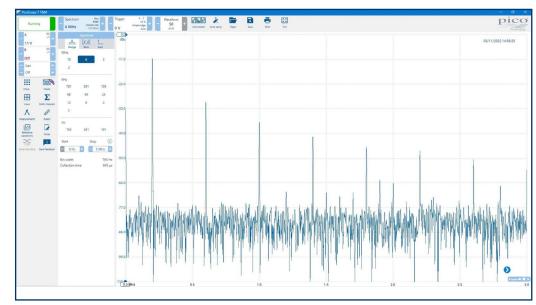
Spectrum analyzer

The spectrum view plots amplitude against frequency, revealing details that would otherwise be hidden in an oscilloscope view. It is ideal for finding noise, crosstalk or distortion in signals. The spectrum analyzer in PicoScope is of the Fast Fourier Transform (FFT) type that, unlike a traditional swept spectrum analyzer, can display the spectrum of a single, non-repeating waveform.

With a click of a button, you can display a spectrum plot of the active channels, with a maximum frequency up to the bandwidth of your scope. To focus on a specific frequency range, you can directly set the start and stop values of the analyzer frequency axis. A full range of settings gives you control over the number of spectrum bands (FFT bins), start/stop frequencies, scaling (including log/log) and display modes (instantaneous, average, or peak-hold). A selection of window functions allows you to optimize for selectivity, accuracy or dynamic range.

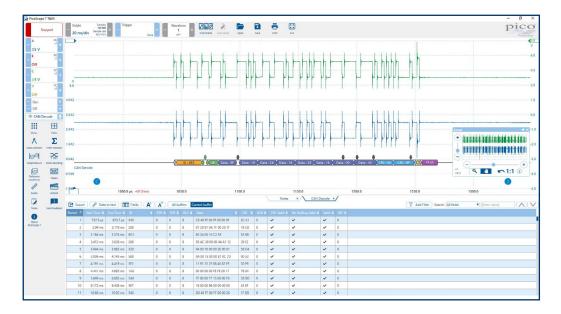
You can display multiple spectrum views alongside oscilloscope views of the same data. A comprehensive set of automatic frequency-domain measurements can be added to the display, including THD, THD+N, SNR, SINAD and IMD. You can even use the AWG and spectrum mode together to perform swept scalar network analysis.

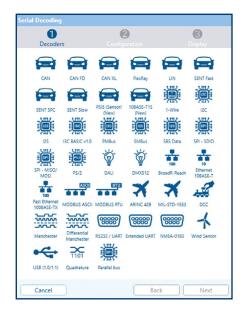
The spectrum works with the waveform buffer so you can capture and rewind through thousands of spectrum plots or why not use the mask limit tests to scan through them all automatically? Spectrum masks can also work with PicoScope actions so you can leave the spectrum running continuously and choose to save mask fails to disk or even sound an alarm.



Serial decoding and analysis

PicoScope includes more serial decoders than any other oscilloscope on the market. All decoders are included as standard with no optional extras required or licenses to be purchased. Our regular free software updates provide new decoders as they are released.





Decode and display multiple protocols:

You can decode multiple different protocols at the same time (e.g. CAN, LIN and FlexRay). The only limit is the number of available channels, on MSO models you can use all 18 analog and digital inputs for serial decoding at once. The high resolution of a PC display is perfect for visualizing multiple complex waveforms alongside decoded serial bus data and more.

Data visualization

View decoded data in hex, binary, decimal or ASCII directly beneath the waveform on a common time axis. Error frames are highlighted in red for quick identification and can be zoomed in for a detailed investigation of noise or signal integrity issues.

Detailed table format

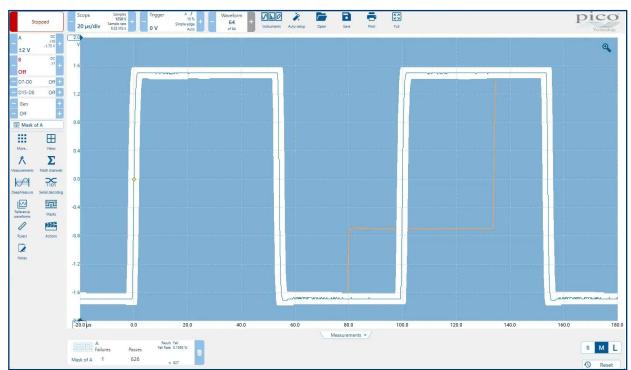
See a comprehensive list of decoded frames, including all data, flags and identifiers. Use filtering to focus on specific frames or search for frames with particular properties. The statistics option gives deeper insight into the physical layer, revealing frame times and voltage levels. Click any frame in the table to zoom into its corresponding waveform.

Export and offline analysis

Easily export table view data for offline viewing and analysis, ensuring you can work with your data whenever and wherever you need.

Link file feature

Accelerate your analysis by cross-referencing values to human readable text. PicoScope can import a spreadsheet to decode the hexadecimal data into user-defined text strings.



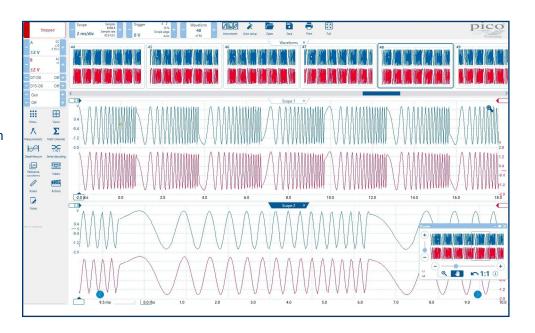
Mask limit testing

Mask limit testing allows you to compare live signals against known good signals, and is designed for production and debugging environments. Simply capture a known good signal, draw a mask around it, and then attach the system under test. PicoScope will check for mask violations and perform pass/fail testing, capture intermittent glitches, and can show a failure count and other statistics in the Measurements window.

Waveform buffer and navigator

Ever spotted a glitch on a waveform, but by the time you've stopped the scope it has gone? With PicoScope you no longer need to worry about missing glitches or other transient events. PicoScope can store the last 40000 oscilloscope or spectrum waveforms in its circular waveform buffer.

The buffer navigator provides an efficient way of navigating and searching through waveforms, effectively letting you turn back time. Tools such as mask limit testing can also be used to scan through each waveform in the buffer looking for mask violations.



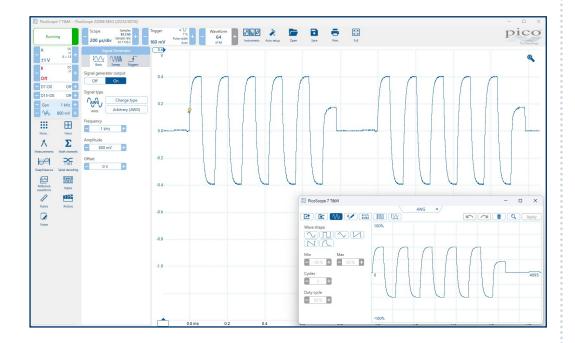
Arbitrary waveform and function generator

All PicoScope 2000 Series oscilloscopes have a built-in function generator and arbitrary waveform generator (AWG) which output signals on a front panel BNC.

The function generator can produce sine, square, triangle and DC level waveforms, and many more besides, while the AWG allows you to import custom waveforms from data files or create and modify them using the built-in graphical AWG editor.

As well as level, offset and frequency controls, advanced options allow you to sweep over a range of frequencies. Combined with the advanced spectrum mode, with options including peak hold, averaging and linear/log axes, this creates a powerful tool for testing amplifier and filter responses.

PicoScope 2000B models have trigger options that allow one or more cycles of a waveform to be output when various conditions are met, such as the scope triggering or a mask limit test failing.

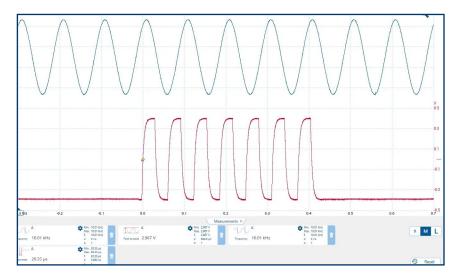


Automatic measurements

PicoScope provides many built-in, pre-defined measurements that can be applied to waveforms displayed on the graph. Advanced DSP technology ensures that the measurements are made with high accuracy and repeatability.

Furthermore, if the DUT waveform characteristics change over time, the measurements track and display current results based on the live waveform.

Statistics can be displayed to show Average, Mean, Maximum, Minimum and Standard Deviation values for the duration of a test.



Measurements: pass/failure limits

PicoScope software offers pass/failure limits for any measurement. This gives a visual indication within the measurement window whenever the measurement result goes above or below a specified value. Pass/failure limits can be combined with actions to immediately alert the user or execute other actions when a measurement threshold has been exceeded, either above or below set limits. By filtering the waveform buffer to show only those waveforms failing a measurement limit, you can quickly identify points of interest out of the thousands of waveforms captured in the deep memory of your PicoScope.

Measurements: logging (trending)

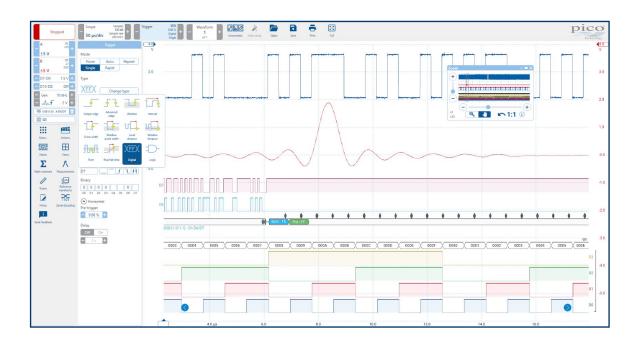
PicoScope allows the results of measurements to be recorded in a file for later analysis. The resulting log can be used to characterize the performance of a circuit over medium or long-duration tests – such as when evaluating drift due to thermal and other effects, or can be used to check functionality against an externally controlled variable such as supply voltage.

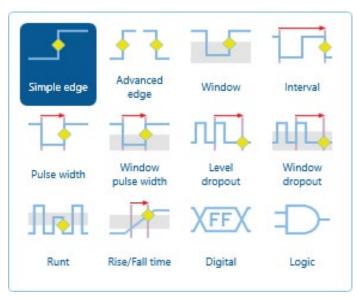
Digital triggering architecture

The majority of digital oscilloscopes still use an analog trigger architecture based on comparators. This causes time and amplitude errors that cannot always be calibrated out and often limits the trigger sensitivity at high bandwidths.

In 1991 Pico pioneered the use of fully digital triggering using the actual digitized data. This technique reduces trigger errors and allows our oscilloscopes to trigger on the smallest signals, even at the full bandwidth. Trigger levels and hysteresis can be set with high precision and resolution.

The reduced rearm delay provided by digital triggering, together with segmented memory, allows the capture of events that happen in rapid sequence. On many of our products, rapid triggering can capture a new waveform every microsecond until the buffer is full.





Advanced triggers

The PicoScope 2000 Series offers a set of advanced trigger types including pulse width, runt pulse, windowed, rise/fall time^[1], logic and dropout that function across the full scope bandwidth.

Each advanced trigger type includes controls to precisely configure the events to be triggered on. For example, with the pulse width trigger you can select positive, negative, or either-direction pulses, and the time condition to be applied:

- Less than a minimum duration
- Greater than a maximum duration
- Inside the range between two user-specified time limits
- · Outside the range between two user-specified time limits

The digital trigger available on MSO models allows you to trigger the scope when any or all of the 16 digital inputs match a user-defined pattern. You can specify a condition for each channel individually, or set up a pattern for all channels at once using a hexadecimal or binary value.

The logic trigger function also allows you to trigger on combinations of edge or window triggers on any of the analog inputs, for example to trigger on edges on channel A only when channel B is also high, or to trigger when any of the channels goes outside a specified voltage range.

[1] Runt pulse and rise/fall time triggers are only available on certain models, see the specifications table for details.

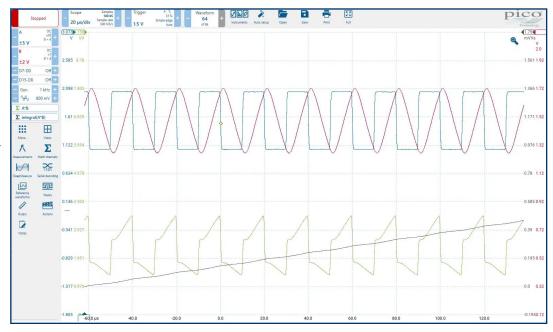
Math channels and filters

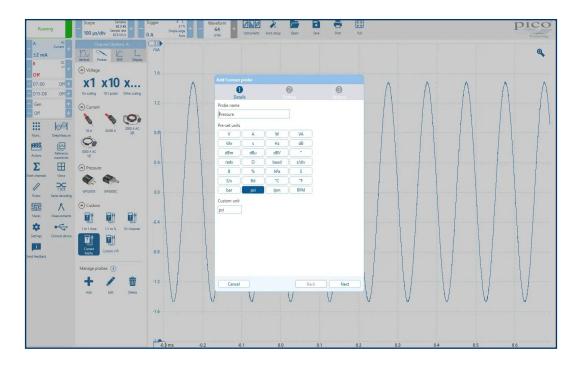
On many oscilloscopes waveform math just means simple calculations such as A + B. With a PicoScope it means much, much more.

With PicoScope software you can select simple functions such as addition and inversion, or open the equation editor to create complex functions involving filters (lowpass, highpass, bandpass and bandstop filters), trigonometry, exponentials, logarithms, statistics, integrals and derivatives.

Waveform math also allows you to plot live signals alongside historic peak, averaged or filtered waveforms.

You can also use math channels to reveal new details in complex signals. An example would be to graph the changing duty cycle or frequency of your signal over time.





Custom probes

The custom probes feature allows you to correct for gain, attenuation, offsets and nonlinearities in probes, sensors or transducers that you connect to the oscilloscope. This could be used to scale the output of a current probe so that it correctly displays amperes. A more advanced use would be to scale the output of a nonlinear temperature sensor using the table lookup function.

Definitions for standard Pico-supplied oscilloscope probes and current clamps are included. User-created probes may be saved for later use.

PicoLog® 6 software

PicoLog 6 allows sample rates of up to 1 kS/s per channel, and is ideal for long-term observation of general parameters, such as voltage or current levels, on several channels at the same time. It is less suitable for waveshape or harmonic analysis: use the PicoScope software for these tasks.

You can also use PicoLog 6 to view data from your oscilloscope alongside a data logger or other device. For example, you could measure voltage and current with your PicoScope and plot both against temperature using a TC-08 thermocouple data logger.

PicoLog 6 is available for Windows, macOS and Linux, including Raspberry Pi OS.



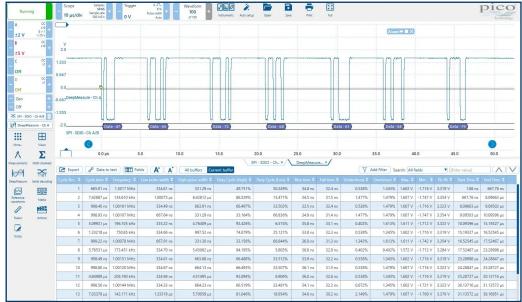
DeepMeasure™

One waveform, millions of measurements.

Measurement of waveform pulses and cycles is crucial for verifying the performance of electrical and electronic devices. DeepMeasure delivers automatic measurements of key waveform parameters, including pulse width, rise time and voltage.

Up to a million cycles can be displayed with each triggered acquisition, or combined across multiple acquisitions. Results can be easily sorted, analyzed and correlated with the waveform display or exported as a .CSV file or spreadsheet for further analysis.

For example, use DeepMeasure to capture up to 40 000 pulses and quickly find those with the largest or smallest amplitude, or use the scope's deep memory of a PicoScope 2000B to record a million cycles of one waveform and export the rise time of every single edge for statistical analysis.



Kit contents and accessories

The PicoScope 2000 Series oscilloscope kit contains the following items:

- USB 2.0 (USB 3.0/3.1 compatible) cable
- Two or four x1/x10 passive probes (except kits specified as without probes)
- Digital input cable (MSO models only)
- 20 logic test clips (MSO models only)
- · Quick Start Guide



Your PicoScope 2000 Series oscilloscope kit comes with probes trimmed to match the performance of your oscilloscope.

MSO models are also supplied with an MSO cable and 20 test clips.



Oscilloscope probe



20-way 25 cm digital MSO cable



MSO test clips







Quick product selector

VIEW your waveform with a low-cost USB-powered and connected oscilloscope.

All standard PicoScope features are included: automatic measurements, serial decoding, persistence displays, mask limit testing, spectrum analysis, arbitrary waveform generator and more. **ANALYZE** your waveform with a high-performance USB-powered and connected oscilloscope.

Deep memory allows you to capture over long time periods at high sampling rates. You can then zoom in on your data without having to recapture. This is essential when you need to analyze one-off events with detailed timing resolution.

The arbitrary waveform generator can store complex waveforms in its large memory buffer, allowing you to test your design with realistic inputs.

2-channel oscilloscopes

Model	PicoScope 2204A	PicoScope 2205A	
Bandwidth	10 MHz	25 MHz	
Maximum sampling rate	100 MS/s	200 MS/s	
Capture memory	8 kS	16 kS	
AWG bandwidth	100 kHz	100 kHz	
•	00		

PicoScope 2206B	PicoScope 2207B	PicoScope 2208B
50 MHz	70 MHz	100 MHz
500 MS/s	1 GS/s	1 GS/s
32 MS	64 MS	128 MS
1 MHz	1 MHz	1 MHz

4-channel oscilloscopes

Model
Bandwidth
Maximum sampling rate
Capture memory
AWG bandwidth

PicoScope
2405A
25 MHz
500 MS/s
48 kS
1 MHz

PicoScope 2406B	PicoScope 2407B	PicoScope 2408B
50 MHz	70 MHz	100 MHz
1 GS/s	1 GS/s	1 GS/s
32 MS	64 MS	128 MS
1 MHz	1 MHz	1 MHz

Mixed-signal oscilloscopes

2 analog + 16 digital inputs

Model
Bandwidth
Maximum sampling rate
Capture memory
AWG bandwidth

PicoScope 2205A MSO
25 MHz
500 MS/s
48 kS
1 MHz

PicoScope 2206B MSO	PicoScope 2207B MSO	PicoScope 2208B MSO
50 MHz	70 MHz	100 MHz
1 GS/s	1 GS/s	1 GS/s
32 MS	64 MS	128 MS
1 MHz	1 MHz	1 MHz

PicoScope 2000 Series specif					
	PicoScope 2204A	PicoScope 2205A	PicoScope 2206B	PicoScope 2207B	PicoScope 2208B
Vertical					
Bandwidth (-3 dB)	10 MHz	25 MHz	50 MHz	70 MHz	100 MHz
Rise time (calculated)	35 ns	14 ns	7 ns	5 ns	3.5 ns
Software lowpass filter		plicable	Со	nfigurable software lowpass f	filter
Vertical resolution	8 1	8 bits		8 bits	
Enhanced vertical resolution	Up to	12 bits		Up to 12 bits	
Input ranges		±200 mV, ±500 mV,	±20 mV	, ±50 mV, ±100 mV, ±200 mV, ±	
· •		V, ±10 V, ±20 V		±1 V, ±2 V, ±5 V, ±10 V, ±20 V	
Input sensitivity		(10 vertical divisions)	4 mV,	/div to 4 V/div (10 vertical divi	isions)
Input coupling		/ DC		AC / DC	
Input connector	-	ded, BNC(f)		Single-ended, BNC(f)	
Input characteristics	1 MΩ ± 1%	15 pF ± 2 pF		$1 \text{ M}\Omega \pm 1\% \parallel 16 \text{ pF} \pm 1 \text{ pF}$	
Analog offset range (vertical position adjustment)	No	one	±250 mV (20 mV to 200 mV ranges) ±2.5 V (500 mV to 2 V ranges)		
Analog offset control accuracy	Not an	Not applicable		±25 V (5 V to 20 V ranges) ±1% of offset setting, additional to basic DC accuracy	
DC accuracy	·	cale ±200 μV	±3% of full scale ±200 µV		20 4004.40)
Overvoltage protection		peak) up to 10 kHz	±100 V (DC + AC peak) up to 10 kHz		kHz
Horizontal (timebase)				(2 c rise posses) sip to re-	
Maximum sampling rate 1	ch. 100 MS/s ch. 50 MS/s	200 MS/s (Ch. A) 100 MS/s	500 MS/s 250 MS/s		GS/s MS/s
Equivalent-time sampling rate (ET		4 GS/s	5 GS/s		GS/s
Maximum sampling rate (USB streaming)		MS/s	9.	6 MS/s (31 MS/s with PicoSD	DK)
Shortest timebase	10 ns/div	5 ns/div	2 ns/div	1 ns	s/div
Longest timebase) s/div		5000 s/div	
Capture memory (block mode, shared between active channels)	8 kS	16 kS	32 MS	64 MS	128 MS
Capture memory (USB streaming mode, PicoScope	100 MS (shared bety	veen active channels)	250 MS (shared between active channels)		annels)
Capture memory (USB streaming mode, PicoSDK)	·	le PC memory	Up to available PC memory		
Waveform buffers (PicoScope 7)	10	000		40 000	
Maximum waveforms per second	20	000	80 000		

	PicoScope 2204A	PicoScope 2205A	PicoScope 2206B	PicoScope 2207B	PicoScope 2208B	
Initial timebase accuracy	<u> </u>) ppm		±50 ppm		
Timebase drift		m/year	±5 ppm/year			
Sample jitter		//S typical	20 ps RMS typical 3 ps RMS typical			
ADC sampling		on all enabled channels				
Dynamic performance (typical)						
Crosstalk (full bandwidth, equal ranges)	Better th	an 200:1	Better than 300:1			
Harmonic distortion	< -50 dB at 100 kHz,	full-scale input, typical	< -50 (dB at 100 kHz, full-scale input,	typical	
SFDR (100 kHz, full-scale input, typical)	> 5:	2 dB	±20 mV range: > 44 dB ±50 mV range and higher: > 52 dB			
Noise		uV RMS V range)	< 220 μV RMS		/ range)	
Bandwidth flatness	(+0.3 dB, −3 dB) fron	n DC to full bandwidth	(+0.3 dB, −3 dB) from DC to full bandwidth			
Friggering						
Sources	Ch A	, Ch B	Ch A, Ch B			
Trigger modes		epeat, single	None, auto,	repeat, single, rapid (segment	ed memory)	
Advanced triggers		dth, window pulse width, opout, interval, logic	Edge, window, pulse width, window pulse width, dropout, window dropout, into pulse, logic, rise/ fall time			
Trigger types, ETS	Rising or f	alling edge	Rising o	or falling edge (available on Ch	A only)	
Segmented memory buffers (PicoSDK)	N	/A	128 000	256 000	500 000	
Segmented memory buffers (PicoScope software)	N	/A		40 000		
Trigger sensitivity, real-time		es 1 LSB accuracy up to	Digital triggering	provides 1 LSB accuracy up	o full bandwidth	
Trigger sensitivity, ETS	10 mV p-p, typica	l, at full bandwidth	10	mV p-p, typical, at full bandwi	dth	
Maximum pre-trigger capture	100% of c	apture size		100% of capture size		
Maximum post-trigger delay	4 billion	samples	4 billion samples			
Trigger rearm time	PC-dep	pendent	< 2 µs at 500 MS/s sampling rate < 1 µs at 1 GS/s sampling rate			
Maximum trigger rate	PC-dep	pendent	10 000 waveforms in a 12 ms burst, at 500 MS/s sampling rate, typical			

	PicoScope 2405A	PicoScope 2406B	PicoScope 2407B	PicoScope 2408B			
Vertical	1 100000pc 2 100/1	1 100000pc 2 100b	- 1 100000рс 2 107В	1 100000pc 2100D			
Bandwidth (-3 dB)	25 MHz	50 MHz	70 MHz	100 MHz			
Rise time (calculated)	14 ns	7 ns	5 ns	3.5 ns			
Software lowpass filter	Not applicable	7 1.0	Configurable lowpass filter	0.0 110			
Vertical resolution	8 bits	8 bits					
Enhanced vertical resolution	Up to 12 bits	Up to 12 bits					
Input ranges	±20 mV, ±50 mV, ±100 mV, ±200 mV, ±500 mV, ±1 V, ±2 V, ±5 V, ±10 V, ±20 V	±20 mV, ±50 mV, ±100 mV, ±200 mV, ±500 mV, ±1 V, ±2 V, ±5 V, ±10 V, ±20 V					
Input sensitivity	4 mV/div to 4 V/div (10 vertical divisions)	4 mV	div to 4 V/div (10 vertical divi	sions)			
Input coupling	AC / DC		AC / DC	,			
Input characteristics	1 MΩ ± 1% 16 pF ± 1 pF		1 MΩ ± 1% 16 pF ± 1 pF				
Input connector	Single-ended, BNC(f)		Single-ended, BNC(f)				
Analog offset range (vertical position adjustment)	±250 mV (20 mV to 200 mV ranges) ±2.5 V (500 mV to 2 V ranges) ±25 V (5 V to 20 V ranges)	±250 mV (20 mV to 200 mV ranges) ±2.5 V (500 mV to 2 V ranges)			±250 mV (20 mV to 200 mV ranges)		
Analog offset control accuracy	±1% of offset setting, additional to basic DC accuracy	±1% of offset setting, additional to basic DC accuracy		OC accuracy			
DC accuracy	±3% of full scale ±200 μV	21.001.01.0	±3% of full scale ±200 μV				
Overvoltage protection	±100 V (DC + AC peak) up to 10 kHz	±1	00 V (DC + AC peak) up to 10 k	(Hz			
Horizontal (timebase)							
Maximum sampling rate 1 ch.	500 MS/s		1 GS/s				
(real-time) 2 ch.	250 MS/s		500 MS/s				
3 or 4 ch.	125 MS/s		250 MS/s				
Equivalent-time sampling rate (ETS)	5 GS/s		10 GS/s				
Maximum sampling rate (USB streaming)	8.9 MS/s (31 MS/s with PicoSDK)	9.	.6 MS/s (31 MS/s with PicoSD	K)			
Shortest timebase	2 ns/div	2 ns/div	1 ns	:/div			
Longest timebase	5000 s/div		5000 s/div				
Capture memory (block mode, shared between active channels)	48 kS	32 MS	64 MS	128 MS			
Capture memory (USB streaming mode, PicoScope 7)	250 MS (shared between active channels)	250 MS (shared between active channels)					
Capture memory (USB streaming mode, PicoSDK)	Up to available PC memory	Up to available PC memory					
Waveform buffers (PicoScope 7)	10 000		40 000				
Maximum waveforms per second	2000	80 000					

	cifications – 4-channel oscilloscopes PicoScope 2405A	PicoScope 2406B	PicoScope 2407B	PicoScope 2408B
Initial timebase accuracy	±50 ppm	±50 ppm		
Timebase drift	±5 ppm/year	±5 ppm/year		
Sample jitter	20 ps RMS, typical	3 ps RMS, typical		
ADC sampling	Simultaneous sampling on all enabled channels	Simultaneous sampling on all enabled channels		
Dynamic Triggering perforn	nance (typical)			
Crosstalk full bandwidth, equal ranges)	Better than 300:1		Better than 300:1	
Harmonic distortion	< -50 dB at 100 kHz, full-scale input, typical	< -50	dB at 100 kHz, full-scale inpu	ıt, typical
SFDR (100 kHz, full-scale input, ypical)	±20 mV range: > 44 dB ±50 mV range and higher: > 52 dB	±20 mV range: > 44 dB ±50 mV range and higher: > 52 dB		
Noise (±20 mV range)	<150 μV RMS	< 220 µV RMS	< 300	μV RMS
Bandwidth flatness	(+0.3 dB, −3 dB) from DC to full bandwidth, typical	(+0.3 dB, -3 dB) from DC to full bandwidth, typical		
Triggering				
ource	Ch A, Ch B, Ch C, Ch D	Ch A, Ch B, Ch C, Ch D		
rigger modes	None, auto, repeat, single, rapid (segmented memory)	None, auto	, repeat, single, rapid (segme	nted memory)
dvanced trigger types	Edge, window, pulse width, window pulse width, dropout, window dropout, interval, runt pulse, logic		w, pulse width, window pulse pout, interval, runt pulse, logic	
rigger types, ETS	Rising or falling edge (available on Ch A only)	Rising	or falling edge (available on (Ch A only)
egmented memory buffers PicoSDK)	96	128 000	256 000	500 000
egmented memory buffers PicoScope 7)	96	40 000		
rigger sensitivity, real time	Digital triggering provides 1 LSB accuracy up to full bandwidth	Digital triggering provides 1 LSB accuracy up to full bandwidth		
rigger sensitivity ETS	10 mV p-p, typical, at full bandwidth	10 mV p-p, typical, at full bandwidth		
aximum pre-trigger capture	100% of capture size	100% of capture size		
laximum post-trigger delay	4 billion samples	4 billion samples		
rigger rearm time	< 2 µs at 500 MS/s sampling rate	< 1 µs at 1GS/s sampling rate		
Maximum trigger rate	96 waveforms in a 192 µs burst, at 500 MS/s sampling rate, typical	10 000 waveforms in a 6 ms burst, at 1 GS/s sampling rate, typical		

PicoScope 2000 Series specifica	ations – mixed-signal oscilloscopes			
	PicoScope 2205A MSO	PicoScope 2206B MSO	PicoScope 2207B MSO	PicoScope 2208B MSO
Vertical (analog inputs)		-		
Input channels	2		2	
Bandwidth (-3 dB)	25 MHz	50 MHz	70 MHz	100 MHz
Rise time (calculated)	14 ns	7 ns	5 ns	3.5 ns
Software lowpass filter	Not applicable	Co	onfigurable software lowpass	filter
Vertical resolution	8 bits		8 bits	
Enhanced vertical resolution	Up to 12 bits		Up to 12 bits	
Input ranges	±20 mV, ±50 mV, ±100 mV, ±200 mV, ±500 mV, ±1 V, ±2 V, ±5 V, ±10 V, ±20 V	±20 m\	/, ±50 mV, ±100 mV, ±200 mV, ±1 V, ±2 V, ±5 V, ±10 V, ±20 \	
Input sensitivity	4 mV/div to 4 V/div (10 vertical divisions)	4 m\	//div to 4 V/div (10 vertical div	visions)
Input coupling	AC / DC		AC / DC	
Input connector	Single-ended, BNC(f)		Single-ended, BNC(f)	
Input characteristics	1 MΩ ± 1% 16 pF ± 1 pF		1 M Ω ± 1% \parallel 16 pF ± 1 pF	
Analog offset range (vertical position adjustment)	±250 mV (20 mV to 200 mV ranges) ±2.5 V (500 mV to 2 V ranges) ±25 V (5 V to 20 V ranges)	±250 mV (20 mV to 200 mV ranges) ±2.5 V (500 mV to 2 V ranges) ±25 V (5 V to 20 V ranges)		
Analog offset control accuracy	±1% of offset setting, additional to basic DC accuracy	±1% of offset setting, additional to basic DC accuracy		
DC accuracy	±3% of full scale ±200 μV ±3% of full scale ±200 μV			
Overvoltage protection	±100 V (DC + AC peak) up to 10 kHz	±100 V (DC + AC peak) up to 10 kHz		
Vertical (digital inputs)				
Input channels	16 (two 8-bit ports)		16 (two 8-bit ports)	
Input connector	2.54 mm pitch, 10 x 2 way connector	2.5	54 mm pitch, 10 x 2 way conn	ector
Maximum input frequency	100 MHz (200 Mb/s)		100 MHz (200 Mb/s)	
Minimum detectable pulse width	5 ns		5 ns	
Input impedance	200 kΩ ±2% 8 pF ±2 pF		200 kΩ ±2% \parallel 8 pF ±2 pF	
Input dynamic range	±20 V		±20 V	
Threshold range	±5 V	±5 V		
Threshold grouping	Two independent threshold controls. Port 0: D0 to D7, Port 1: D8 to D15		vo independent threshold con Port 0: D0 to D7, Port 1: D8 to I	
Port threshold accuracy	±350 mV (inclusive of hysteresis)	<u> </u>	:350 mV (inclusive of hystere	sis)
Hysteresis	< ±250 mV		< ±250 mV	
Minimum input voltage swing	500 mV pk-pk	pk-pk 500 mV pk-pk		
Channel-to-channel skew	2 ns, typical		2 ns, typical	
Minimum input slew rate	10 V/µs		10 V/μs	
Overvoltage protection	±50 V		±50 V	

PicoScope 2000 Series specificat	tions – mixed-signal oscilloscopes			
	PicoScope 2205A MSO	PicoScope 2206B MSO	PicoScope 2207B MSO	PicoScope 2208B MSO
Horizontal (timebase)				
Maximum sampling rate 1 analog ch. (real-time) 1 digital port 2 channels/ports Other	500 MS/s 500 MS/s 250 MS/s 250 MS/s		1 GS/s 500 MS/s 500 MS/s 250 MS/s	
Equivalent-time sampling rate (ETS)	5 GS/s	10 GS/s		
Maximum sampling rate (USB streaming)	8.9 MS/s (31 MS/s with PicoSDK)	9.6 MS/s (31 MS/s with PicoSDK)		
Shortest timebase	2 ns/div	2 ns/div	1 r	ns/div
Longest timebase	5000 s/div		5000 s/div	
Capture memory (block mode, shared between active channels)	48 kS	32 MS	64 MS	128 MS
Capture memory (USB streaming mode, PicoScope 7)	250 MS (shared between active channels)	250	MS (shared between active ch	nannels)
Capture memory (USB streaming mode, PicoSDK)	Up to available PC memory		Up to available PC memory	1
Waveform buffers (PicoScope 7)	10 000		40 000	
Maximum waveforms per second	2000		80 000	
Initial timebase accuracy	±50 ppm	±50 ppm		
Timebase drift	±5 ppm/year	±5 ppm/year		
Sample jitter	20 ps RMS, typical	3 ps RMS, typical		
ADC sampling	Simultaneous sampling on all enabled channels	Simultaneous sampling on all enabled channels		d channels
Dynamic performance (typical)				
Crosstalk (full bandwidth, equal ranges)	Better than 300:1		Better than 300:1	
Harmonic distortion	< -50 dB at 100 kHz, full-scale input, typical	< -50	dB at 100 kHz, full-scale inpu	ıt, typical
SFDR (100 kHz, full-scale input, typical)	±20 mV range: > 44 dB ±50 mV range and higher: > 52 dB	±	±20 mV range: > 44 dB ±50 mV range and higher: > 52	2 dB
Noise (±20 mV range)	< 150 μV RMS	< 220 µV RMS	< 300	μV RMS
Bandwidth flatness	(+0.3 dB, −3 dB) from DC to full bandwidth, typical	(+0.3 dB,	−3 dB) from DC to full bandw	vidth, typical
Triggering				
Sources	Ch A, Ch B, Digital 0−15		Ch A, Ch B, Digital 0−15	
Trigger modes	None, auto, repeat, single, rapid (segmented memory)	None, auto, repeat, single, rapid (segmented memory)		nted memory)
Advanced triggers (analog inputs)	Edge, window, pulse width, window pulse width, dropout, window dropout, interval, runt pulse, logic	Edge, window, pulse width, window pulse width, dropout, window dropout, interval, pulse, logic, rise / fall time		

PicoScope 2000 Series specifications – mixed-signal oscilloscopes				
	PicoScope 2205A MSO	PicoScope 2206B MSO	PicoScope 2207B MSO	PicoScope 2208B MSO
Advanced triggers (digital inputs)	Edge, pulse width, dropout, interval, logic, pattern, mixed signal	Edge, pulse wid	dth, dropout, interval, logic, pa	ttern, mixed signal
Trigger types, ETS	Rising or falling edge (available on Ch A only)	Rising	or falling edge (available on 0	Ch A only)
Segmented memory buffers (PicoSDK)	96	128 000	256 000	500 000
Segmented memory buffers (PicoScope 7)	96		40 000	
Trigger sensitivity, real-time (analog channels)	Digital triggering provides 1 LSB accuracy up to full bandwidth	Digital triggerin	ng provides 1 LSB accuracy up	to full bandwidth
Trigger sensitivity, ETS (analog channels)	10 mV p-p, typical, at full bandwidth	1	0 mV p-p, typical, at full bandv	vidth
Maximum pre-trigger capture	100% of capture size		100% of capture size	
Maximum post-trigger delay	4 billion samples		4 billion samples	
Trigger rearm time	< 2 µs at 500 MS/s sampling rate		< 1 µs at 1 GS/s sampling ra	te
Maximum trigger rate	96 waveforms in a 192 µs burst, at 500 MS/s sampling rate, typical	10 000 waveform	ns in a 6 ms burst, at 1 GS/s s	ampling rate, typical

PicoScope 2000 Series specifi	ications – signal generator		
	PicoScope 2204A & 2205A	PicoScope 2405A & 2205A MSO	All B models
Function generator			
Standard output signals	Sine, square, triangle, DC voltage, ramp, sinc, Gaussian, half-sine	Sine, square, triangle, DC voltage, ramp, sinc, Gaussian, half-sine	
Pseudorandom output signals	None	White nois	se, PRBS
Standard signal frequency	0.1Hz to 100 kHz	0.03Hz to	o 1 MHz
Sweep modes	Up, down, dual with selectable start/stop frequencies and increments	Up, down, dual with selectable start	t/stop frequencies and increments
Triggering	None	Free-run or up to 1 billion wavefo Triggered from scope	
Output frequency accuracy	Oscilloscope timebase accuracy ± output frequency resolution	Oscilloscope timebase accuracy	y ± output frequency resolution
Output frequency resolution	< 0.02 Hz	< 0.0	1 Hz
Output voltage range	±2 V	±2	V
Output adjustments	Any amplitude and offset within ±2 V range	Any amplitude and off	
Amplitude flatness (typical)	< 1 dB to 100 kHz	< 0.5 dB t	
DC accuracy	±1% of full scale	±1% of fu	
SFDR (typical)	> 55 dB at 1 kHz full-scale sine wave	> 60 dB at 10 kHz full-scale sine wave	
Output characteristics	Front panel BNC, 600 Ω output impedance	Front panel BNC, 600Ω output impedance	
Overvoltage protection	±20 V	±20 V	
Arbitrary waveform generator			
Update rate	1.548 MS/s	20 M	IS/s
Buffer size	4 kS	8 kS	32 kS
Resolution	12 bits	12 bits	
Bandwidth	> 100 kHz	> 1 N	ИНz
Rise time (10% to 90%)	< 2 µs	< 120	Ons
Spectrum analyzer			
Frequency range	D	C to analog bandwidth of oscilloscope	
Display modes		Magnitude, average, peak hold	
Windowing functions	Rectangular, Gaussian, triangular, Blackman, Blackman-Harris, Hamming, Hann, flat-top		
Number of FFT points	-	o half available capture memory in powers of to	·
Math channels			
Functions	-x, x+y, x-y, x*y, x/y, x^y, sqrt, exp, ln, log, abs, norm, s derivative, integral, min, max, peak, duty, highpass, lo overshoot, phase, delay, moving, deskew, true power, AC, abs area AC, area DC, positive area DC, negative	wpass, bandpass, bandstop, coupler, top, base, apparent power, reactive power, power factor,	e, amplitude, positive overshoot, negative

Operands		A to D (input channels), D0-D15 (digital channels), T (time), reference waveforms, pi, constants		
Automatic mea	asurements			
	Amplitude	Minimum, maximum, base, top, negative overshoot, positive overshoot, peak to peak, amplitude, mean, RMS, RMS ripple		
Coope mode	Time	Frequency, cycle time, negative duty cycle, positive duty cycle, edge count (rising, falling, either), high pulse width, low pulse width, rise time, fall time, rising rate, falling rate		
Scope mode	Multi-channel	Phase, delay		
	Power	True power, apparent power, reactive power, power factor, DC power, crest factor, area at AC, positive area at AC, negative area at AC, absolute area at AC, area at DC, positive area at DC, negative area at DC, absolute area at DC		
Spectrum mode		Frequency at peak, amplitude at peak, THD dB, SNR, SINAD, SFDR, total power, average amplitude at peak, THD %, THD+N, IMD		
Statistics		Minimum, maximum, average and standard deviation		
Serial decodin	g			
Protocols		10BASE-T1S, 1-Wire, ARINC 429, BroadRReach, CAN, CAN FD, CAN XL, DALI, DCC, Differential Manchester, DMX512, Ethernet 10BASE-T, Extended UART, Fast Ethernet 100BASE-TX, FlexRay, I2C, I2S, I3C BASIC v1.0, LIN, Manchester, MIL-STD-1553, MODBUS ASCII, MODBUS RTU, NMEA-0183, Parallel Bus, PMBus, PS/2, PSI5 (Sensor), Quadrature, RS232/UART, SBS Data, SENT Fast, SENT Slow, SENT SPC, SMBus, SPI-MISO/MOSI, SPI-SDIO, USB (1.0/1.1), Wind Sensor ^[2]		

[2] Subject to any protocol and application requirements for channel count and bandwidth.

Mask limit testing	
Statistics	Pass/fail, failure count, total count
Display	
Interpolation	Linear or sin(x)/x
Persistence modes	Fast, time and frequency
General	
PC connectivity	USB 2.0 (USB 3.0 compatible). USB cable included.
Power requirements	Powered from USB port
Dimensions	142 x 92 x 18.8 mm (PicoScope 2204A and 2205A only)
(including connectors and feet)	130 x 104 x 18.8 mm (all other models, including PicoScope 2205A MSO)
Weight	< 0.2 kg (7 oz)
Temperature range, operating	0 °C to 50 °C
Temperature range, operating, for stated accuracy	15 °C to 30 °C
Temperature range, storage	−20 °C to +60 °C
Humidity range, operating	5 to 80% RH non-condensing
Humidity range, storage	5 to 95% RH non-condensing
Altitude range	up to 2000 m
Pollution degree	2
Safety approvals	Designed to EN 61010-1

Environmental approvals	RoHS, REACH and WEEE	
EMC approvals	Tested to meet EN 61326-1 and FCC Part 15 Subpart B	
Warranty period	5 years	
Software availability and require	ments (hardware requirements as operating system)	
Windows software (64-bit)	PicoScope 7, PicoLog 6, PicoSDK	
macOS software (64-bit)	PicoScope 7, PicoLog 6 and PicoSDK	
Linux software (64-bit)	PicoScope 7 software and drivers, PicoLog 6 (including drivers) See Linux Software and Drivers to install drivers only	
Raspberry Pi 4B and 5 (32-bit Raspberry Pi OS)	PicoLog 6 (including drivers) See <u>Linux Software and Drivers</u> to install drivers only	
Languages supported, PicoScope 7	Bulgarian, Chinese (simplified), Chinese (traditional), Croatian, Czech, Danish, Netherlands Dutch, English (UK), English (US), Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Portuguese-Brazilian, Romanian, Russian, Serbian, Slovene, Spanish, Swedish, Turkish	
Languages supported, PicoLog 6	Simplified Chinese, Dutch, English (UK), English (US), French, German, Italian, Japanese, Korean, Russian, Spanish	

 $Users\ writing\ their\ own\ apps\ can\ find\ example\ programs\ for\ all\ platforms\ on\ the\ Pico\ Technology\ organization\ page\ on\ \underline{GitHub}.$

Ordering information

Oscilloscopes

Model name	Description
PicoScope 2204A-D2	10 MHz 2-channel oscilloscope without probes
PicoScope 2204A	10 MHz 2-channel oscilloscope
PicoScope 2205A-D2	25 MHz 2-channel oscilloscope without probes
PicoScope 2205A	25 MHz 2-channel oscilloscope
PicoScope 2206B	50 MHz 2-channel oscilloscope
PicoScope 2207B	70 MHz 2-channel oscilloscope
PicoScope 2208B	100 MHz 2-channel oscilloscope
PicoScope 2405A	25 MHz 4-channel oscilloscope
PicoScope 2406B	50 MHz 4-channel oscilloscope
PicoScope 2407B	70 MHz 4-channel oscilloscope
PicoScope 2408B	100 MHz 4-channel oscilloscope
PicoScope 2205A MSO	25 MHz 2+16 channel mixed-signal oscilloscope
PicoScope 2206B MSO	50 MHz 2+16 channel mixed-signal oscilloscope
PicoScope 2207B MSO	70 MHz 2+16 channel mixed-signal oscilloscope
PicoScope 2208B MSO	100 MHz 2+16 channel mixed-signal oscilloscope

Replacement accessories

Model name	Description
TA375 passive probe	100 MHz 1:1/10:1 passive oscilloscope probe
TA136 logic cable	20-way 25 cm digital cable (suitable for MSOs only)
TA139 test clips	Pack of 12 logic test clips (suitable for MSOs only)

Calibration service

Model name	Description
Calibration certificate CC017	Calibration certificate for PicoScope 2000 Series oscilloscope

More products in the Pico Technology range...



PicoScope 3000E Series

The PicoScope 3000E Series offers an industry-leading 2 GS of capture memory which can be used to sample at 5 GS/s all the way down to 20 ms/div (200 ms total capture time).

The 500 MHz bandwidth is matched by a real-time sampling rate of 5 GS/s.

The PicoScope 3000E Series offers 4 analog channels plus 16 digital logic analyzer channels on MSO models.



PicoScope 4000 Series

A varied range of high-resolution oscilloscopes for a multitude of analog applications.

Models available with 2 channels at 16-bit resolution, 4 true differential channel inputs for extra-low-voltage or mains CAT III applications or up to 8 channels at 12-bit resolution.



TC-08

8-channel temperature data logger. Accepts all popular thermocouples to record temperatures from -270 to +1820 °C.

Up to 10 measurements per second at 20-bit resolution. Optional terminal board for voltage and current measurement.

UK global headquarters:

+44 (0) 1480 396 395
sales@picotech.com

Pico Technology James House Colmworth Business Park St. Neots Cambridgeshire PE19 8YP United Kingdom

North America regional office:

★ +1 800 591 2796★ sales@picotech.com

Pico Technology 320 N Glenwood Blvd Tyler TX 75702 United States

Germany regional office and EU Authorised Representative:

+49 (0) 5131 907 62 90 info.de@picotech.com

Pico Technology GmbH Emmericher Str. 60 47533 Kleve Germany

Asia-Pacific regional office:

****** +86 21 2226-5152

pico.asia-pacific@picotech.com

Errors and omissions excepted. Pico Technology, PicoScope, PicoLog 6 and PicoSDK are internationally registered trademarks of Pico Technology Ltd.

LabVIEW is a trademark of National Instruments Corporation. Linux is the registered trademark of Linus Torvalds, registered in the U.S. and other countries. macOS is a trademark of Apple Inc., registered in the U.S. and other countries. MATLAB is a registered trademark of The MathWorks, Inc. Windows and Excel are registered trademarks of Microsoft Corporation in the U.S. and other countries. *GitHub* is a registered trademark of GitHub Inc. in the U.S. and other countries.

MM071.en-9. Copyright © 2016-2025 Pico Technology Ltd. All rights reserved.

www.picotech.com









