Established in 1991, Pico Technology is a leading manufacturer of electronic Test and Measurement (T&M) products.

Our company and products have been recognized with several prestigious industry awards, including the Queen's Award for Enterprise, Times Top 100 Small Companies to Work For and Elektra. We have also won awards from NASA Tech Briefs and DesignVision for the PicoScope® 5000 Series.

Pico Technology T&M products are used by scientists, technicians, engineers and researchers to troubleshoot their designs and validate performance of their systems with precision and within budget. PicoScope capture and display complex waveforms that are the heartbeat of next-generation electrical and electronic equipment. PicoScopes capture and display complex waveforms that are the heartbeat of next-generation electrical and electronic equipment. PicoTechnology are built and tested according to our ISO 9001 Quality and ISO 14001 Environmental Management Systems for "The design, manufacture, sale, and technical support of electronic measuring equipment used for the recording of voltages, current, temperature and humidity." Traceable calibration is the foundation of our quality system, which means you can rely on measured results from any Pico instrument with complete confidence.

PicoScope oscilloscopes

### PicoScope 2000 Series

<table>
<thead>
<tr>
<th>2000A models with MSO options</th>
<th>2000B models with MSO options</th>
<th>PicoScope 3000 with MSO options</th>
<th>PicoScope 4000 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td><strong>Channels</strong></td>
<td><strong>Outputs</strong></td>
<td><strong>Sampling rate</strong></td>
</tr>
<tr>
<td>Power and performance in your hand</td>
<td>2 or 4 (+ 16 digital with MSO)</td>
<td>FG + AWG 1 MHz</td>
<td>100 to 500 MS/s</td>
</tr>
<tr>
<td>Benchtop performance in a pocket-sized scope</td>
<td>2 or 4 (+ 16 digital with MSO)</td>
<td>FG + AWG 1 MHz</td>
<td>500 MS/s to 1 GS/s</td>
</tr>
<tr>
<td>Power, portability and performance</td>
<td>2 or 4 (+ 16 digital with MSO)</td>
<td>FG + AWG 1 MHz</td>
<td>1 GS/s</td>
</tr>
<tr>
<td>High-resolution oscilloscopes</td>
<td>2, 2+HEPE or 4</td>
<td>None</td>
<td>80 MS/s</td>
</tr>
<tr>
<td>Digital oscilloscope for the analog world</td>
<td>2 + EXT</td>
<td>AWG and low-distortion sine wave generator</td>
<td>10 MS/s</td>
</tr>
<tr>
<td><strong>Analog bandwidth</strong></td>
<td><strong>50 to 200 MHz</strong></td>
<td><strong>20 MHz</strong></td>
<td><strong>5 MHz</strong></td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td><strong>USB</strong></td>
<td><strong>USB</strong></td>
<td><strong>USB</strong></td>
</tr>
<tr>
<td><strong>Price from</strong></td>
<td><strong>$115 £95 €79</strong></td>
<td><strong>$349 €299 £249</strong></td>
<td><strong>$579 €489 £379</strong></td>
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### PicoScope 3000 Series

<table>
<thead>
<tr>
<th>PicoScope 3000 with MSO options</th>
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<tbody>
<tr>
<td><strong>Channels</strong></td>
<td><strong>2 or 4 (+ 16 digital with MSO)</strong></td>
</tr>
<tr>
<td><strong>Outputs</strong></td>
<td><strong>FG + AWG 1 MHz</strong></td>
</tr>
<tr>
<td><strong>Sampling rate</strong></td>
<td><strong>100 to 500 MS/s</strong></td>
</tr>
<tr>
<td><strong>Resolution (enhanced)</strong></td>
<td><strong>8 bits (12 bits)</strong></td>
</tr>
<tr>
<td><strong>Capture memory</strong></td>
<td><strong>8 kS to 48 kS</strong></td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td><strong>USB</strong></td>
</tr>
<tr>
<td><strong>Price from</strong></td>
<td><strong>$115 £95 €79</strong></td>
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### PicoScope 4000 Series

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<td><strong>Channels</strong></td>
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<td><strong>Outputs</strong></td>
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<tr>
<td><strong>Sampling rate</strong></td>
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<tr>
<td><strong>Resolution (enhanced)</strong></td>
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<tr>
<td><strong>Capture memory</strong></td>
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<td><strong>Price from</strong></td>
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<td><strong>Outputs</strong></td>
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<td><strong>Sampling rate</strong></td>
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<td><strong>Resolution (enhanced)</strong></td>
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<td><strong>Capture memory</strong></td>
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<tr>
<td><strong>Power</strong></td>
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<td><strong>Price from</strong></td>
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<tr>
<td><strong>Capture memory</strong></td>
</tr>
<tr>
<td><strong>Power</strong></td>
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<tr>
<td><strong>Price from</strong></td>
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</table>

### PicoScope 5000 Series

<table>
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<tr>
<th>PicoScope 5000 with MSO options</th>
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<tr>
<td><strong>Channels</strong></td>
</tr>
<tr>
<td><strong>Outputs</strong></td>
</tr>
<tr>
<td><strong>Sampling rate</strong></td>
</tr>
<tr>
<td><strong>Resolution (enhanced)</strong></td>
</tr>
<tr>
<td><strong>Capture memory</strong></td>
</tr>
<tr>
<td><strong>Power</strong></td>
</tr>
<tr>
<td><strong>Price from</strong></td>
</tr>
</tbody>
</table>

**Did you know?...**

Pico Technology is also the leading supplier of Automotive diagnostic scopes worldwide. Our automotive equipment is used in both franchised dealer workshops and independent workshops. Visit www.picauto.com for more information.

From our headquarters near Cambridge in the UK to our regional offices in Texas, USA and Shanghai, China, we are committed to deliver world-class support to our customers wherever they are.

Pico products are supplied with a Software Development Kit (PicoSDK) that can be used to write custom applications. Drivers for Windows, macOS and Linux (including Raspberry Pi and Beaglebone) are included, along with code samples for programming environments such as Microsoft Excel, National Instruments LabVIEW, MathWorks MATLAB, C#, C++ and Python.

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PicoScope 6 software

The display can be as simple or as advanced as you need. Begin with a single view of one channel, and then expand the display to include any number of live channels, math channels and reference waveforms. Available in 23 languages.

Channel options:
- Filtering, offset, resolution enhancement, custom probes and more.

Auto setup button:
- Configures the collection time and voltage range for clear display of signals.

FlexRes:
- FlexRes allows you to reconfigure the hardware to increase either the sampling rate or the resolution. Easily switch from 8 up to 16 bits resolution.

Tools:
- Including serial decoding, reference channels, macro recorder, alarms, mask limit testing and math channels.

Waveform replay tools:
- PicoScope 6 automatically records up to 10 000 of the most recent waveforms. You can quickly scan through to look for intermittent events, or use the Buffer Navigator to search visually.

Signal generator:
- Generates standard signals or arbitrary waveforms. Includes frequency sweep mode.

Zoom and pan tools:
- PicoScope 6 allows a zoom factor of several million, which is necessary when working with the deep memory of the PicoScope 5000D Series scopes.

Movable axes:
- The vertical axes can be dragged up and down. This feature is particularly useful when one waveform is obscuring another. There’s also an Auto Arrange Axes feature.

Zoom overview:
- Click and drag for quick navigation in zoomed views.

Trigger toolbar:
- Quick access to main controls, with advanced triggers in a pop-up window.

Rulers:
- Each axis has two rulers that can be dragged across the screen to make quick measurements of amplitude, time and frequency.

Trigger marker:
- Drag the yellow diamond to adjust trigger level and pre-trigger time.

Views:
- PicoScope 6 is carefully designed to make the best use of the display area. You can add new scope, spectrum and XY views with automatic or custom layouts.

Automatic measurements:
- Display calculated measurements for troubleshooting and analysis. You can add as many measurements as you need on each view. Each measurement includes statistical parameters showing its variability.

Logic analyzer/mixed signal capability:
- MSO mixed signal models include 16 digital inputs so that you can view digital and analog signals simultaneously. The digital inputs can be displayed individually or in named groups with binary, decimal or hexadecimal values shown in a bus-style display.

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 probe 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.

DeepMeasure:
- Measurement of waveform pulses and cycles is key to verification of the performance of electrical and electronic devices. DeepMeasure delivers automatic measurements of important waveform parameters on up to a million waveform cycles with each triggered acquisition. Results can be easily sorted, analyzed and correlated with the waveform display.

Software features

Serial protocol analysis:
- 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), and USB 1.1 protocol data as standard, with more protocols in development and available in the future with free-of-charge software upgrades.

Spectrum analyzer
- The FFT spectrum view plots amplitude against frequency. It is ideal for finding noise, crosstalk or distortion in signals.

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. FFTs of up to 1 million points can be computed in milliseconds giving superb frequency resolution.

Advanced digital triggering
- Advanced trigger types enable you to capture a stable waveform with complex signals. This is ideal for troubleshooting glitches, timing violations, overvoltages and dropouts in analog and digital circuits. Advanced triggers include pulse width, runt, drop-out, logic and digital modes.

Software development kit (SDK)
- The SDK allows you to write your own software and includes drivers for Microsoft Windows, macOS and Linux, including Raspberry Pi and BeagleBone. Example code shows how to interface to third-party software packages such as Microsoft Excel, National Instruments LabVIEW, MathWorks MATLAB and Python.
### PicoScope 2000 Series

- 2 channel, 4 channel and MSO models
- 7 instruments in one
- 8-bit resolution
- Ultra-compact design
- Up to 100 MHz bandwidth
- Up to 128 MS capture memory
- Decode up to 18 serial protocols
- USB connected and powered
- Signal generator and AWG
- Supported in PicoScope 6 and PicoLog®

#### Channels

<table>
<thead>
<tr>
<th>Part number</th>
<th>2 channel</th>
<th>4 channel</th>
<th>MSO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes probes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Price</td>
<td>$139</td>
<td>€119</td>
<td>£99</td>
</tr>
</tbody>
</table>

#### Part number - scope only

| Price | $115 | €95 | £79 |

For full product specification please visit [www.picotech.com](http://www.picotech.com)

### PicoScope 3000 Series

#### Power, portability and performance

The PicoScope 3000 Series PC oscilloscopes are small, light, and portable, while offering the high-performance specifications required by engineers in the lab or on the move. These oscilloscopes offer 2 or 4 analog channels, plus an additional 16 digital channels on the MSO models.

#### Channels

<table>
<thead>
<tr>
<th>Part number</th>
<th>2 Analog</th>
<th>2 Analog + 16 Digital</th>
<th>4 Analog</th>
<th>4 Analog + 16 Digital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes probes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Price</td>
<td>$579</td>
<td>€489</td>
<td>£399</td>
<td>$819</td>
</tr>
</tbody>
</table>

#### Part number - scope only

| Price | $115 | €95 | £79 |

For full product specification please visit [www.picotech.com](http://www.picotech.com)

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* A=analog and D=digital       ** Shared between active channels
**PicoScope 4224 and 4424**

**High resolution oscilloscopes**

The PicoScope 4224 and 4424 offer both high resolution (12 bits) and high DC accuracy (1%) making them an excellent choice for noise, vibration, precision electronics and mechanical analysis.

The optional IEPE model has built-in constant current sources that allow the direct connection and powering of industry standard accelerometers and microphones.

- 4 true differential high-impedance inputs
- 20 MHz bandwidth
- FlexRes 12 or 14-bit resolution
- 256 MS capture memory
- 16-bit resolution
- IEPE model available (for accelerometers, microphones etc)
- 20 MHz bandwidth
- 32 MS capture memory
- Decode 16 serial protocols as standard
- USB connected and powered

---

**PicoScope 4262**

**Digital oscilloscope for the analog world**

Most digital oscilloscopes have been designed for viewing fast digital signals. The trend has been to use new technology solely to increase sampling rate and bandwidth. With the PicoScope 4262, however, we have focused on what's important for measuring analog signals: increasing the resolution, improving dynamic range, and reducing noise and distortion.

The result is an oscilloscope / FFT analyzer that has a level of performance to put most audio analyzers to shame. It has a 5 MHz bandwidth making it equally suitable for vibration and ultrasound signals as well as a wide range of precision measurement tasks.

The PicoScope 4262 has a built-in 20 kHz function generator (sine, square, triangle, DC voltage, ramp, sinc, Gaussian, half-sine, white noise and PRBS). The function generator offers an outstanding sine wave distortion performance of 102 dB SFDR.

- 2 channel oscilloscope / spectrum analyzer
- 16-bit resolution
- Low distortion (96 dB SFDR)
- Low noise (8.5 µV RMS)
- 5 MHz bandwidth
- 16 MS capture memory
- Low-distortion signal generator
- Arbitrary waveform generator
- USB connected and powered

---

**PicoScope 4444**

**High-resolution differential oscilloscope**

With four true differential inputs, 12 or 14-bit 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.

- 4 true differential high-impedance inputs
- 20 MHz bandwidth
- FlexRes 12 or 14-bit resolution
- 256 MS capture memory

---

**Intelligent probe interface**

The scope’s 9-pin D-type connectors create an intelligent true differential probe interface and allow the PicoScope software to automatically identify the probe and select the appropriate display settings. These Pico D9 connectors also mean that probes that would usually require battery packs or power supplies can draw their power through the scope device instead.

---

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The PicoScope 4262 has a built-in 20 kHz function generator (sine, square, triangle, DC voltage, ramp, sinc, Gaussian, half-sine, white noise and PRBS). The function generator offers an outstanding sine wave distortion performance of 102 dB SFDR.

- 2 channel oscilloscope / spectrum analyzer
- 16-bit resolution
- Low distortion (96 dB SFDR)
- Low noise (8.5 µV RMS)
- 5 MHz bandwidth
- 16 MS capture memory
- Low-distortion signal generator
- Arbitrary waveform generator
- USB connected and powered

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**www.picotech.com**
PicoScope 4824

8 channel oscilloscope

The PicoScope 4824 is a low-cost, portable solution for multi-input applications. With 8 high-resolution analog channels you can easily analyze audio, ultrasound, vibration, power, and timing of complex systems.

Despite its compact size, there is no compromise on performance. With a high 12-bit vertical resolution, bandwidth of 20 MHz, 256 MS capture memory, and a fast sampling rate of 80 MS/s, the PicoScope 4824 has the power and functionality to deliver accurate results. It also features capture memory to analyze multiple serial buses such as UART, I2C, SPI, CAN and LIN plus control and driver signals.

- 8 channels
- 12-bit resolution
- 20 MHz bandwidth
- 256 MS capture memory
- 14-bit signal generator and AWG
- Decode 16 serial protocols as standard
- USB 3.0 connected and powered
- Supports PicoScope 6 and PicoLog 6

PicoScope 5000 Series

- 2 channel, 4 channel and MSO models
- FlexRes 8 to 16-bit hardware resolution
- Up to 200 MHz analog bandwidth
- 1 GS/s sampling at 8-bit resolution
- 62.5 MS/s sampling at 16-bit resolution
- Up to 512 MS capture memory
- 128 MS, 256 MS, 512 MS, 1 GS, 2 GS, 4 GS, 8 GS
- Shared between active channels and dependent on selected resolution
- Signal generator and AWG
- Decode 18 serial protocols as standard
- USB 3.0 connected

For full product specification please visit www.picotech.com
PicoScope 6000 Series

Highest performance real-time oscilloscopes

The PicoScope 6000 Series is the ultimate USB oscilloscope. High-end features such as serial decoding, mask limit testing and segmented memory are included as standard.

- 4 channels
- Up to 500 MHz bandwidth
- 5 GS/s real-time sampling rate
- Up to 2 GS ultra-deep capture memory
- 170,000 waveforms per second
- Arbitrary waveform generator (AWG) on D models
- USB 3.0 connected

PicoScope 6407

High speed digitizer

The PicoScope 6407 is a compact USB plug-in device that turns your PC or laptop into a 4-channel, high-speed digitizer. The PicoScope 6407 has high-bandwidth 50 Ω inputs with fixed ±100 mV input ranges and SMA connectors. Larger input signals can be accommodated with the use of external attenuators.

- 4 channels (fixed ±100 mV)
- 1 GHz bandwidth
- 1 GS capture memory size
- 5 GS/s real-time sampling rate
- Built-in function generator/AWG
- SMA input connectors
- USB 2.0 connected

PicoSource™ AS108

8 GHz Agile Synthesizer

Professional and portable performance at low cost, CW, sweep, hop and list modes. Emulate schemes such as QPSK, QAM, ASK, and FSK.

PicoVNA™ 106

6 GHz Vector Network Analyzer

A low-cost, professional-grade 6 GHz VNA for both lab and field use. Professional and portable quad receiver 118 dB design with bias-Ts. Up to 5000 dual path Touchstone S-parameters per second. <0.005 dB RMS noise in 140 kHz bandwidth.

More RF products from Pico...

Find out more about our other RF products at www.picotech.com/rf-products

PicoScope 9000 Series

Sampling oscilloscopes

- Up to 25 GHz bandwidth models
- Up to 15 GHz prescaled, 2.5 GHz direct trigger and 11.3 Gb/s clock recovery
- Industry-leading 16-bit 1 MS/s ADC and 60 dB dynamic range
- Eye and mask testing to 16 Gb/s with up to 2^23–1 pattern lock
- Comprehensive built-in measurements, histogramming and editable data mask library
- Integrated, differential, deskewable TDR/TDT step generator
- Intuitive, touch-compatible Windows user interface

With up to 25 GHz bandwidth, the PicoScope 9300 sampling oscilloscopes address digital and telecommunications applications of 10 Gb/s and higher, microwave applications up to 25 GHz and timing applications with a resolution down to 64 fs. Optional 11.3 Gb/s clock recovery, optical to electrical converter or differential, deskewable time domain reflectometry sources (60 ps/7 V) complete a powerful, small-footprint and cost-effective measurement package.

Prices from $10935 €9285 £7675

Picosource.com

www.picotech.com
Accessories

Our range of oscilloscope accessories has been carefully chosen for use with PicoScope oscilloscopes. Please refer to www.picotech.com for prices.

Passive probes

- TA062 passive probe (BNC)
- TA061 passive probe (SMA)

These very high-bandwidth 1.5 GHz low-impedance probes are suitable for use with high-speed oscilloscopes and spectrum analyzers. Available with either an SMA or a BNC connector.

- TA150 350 MHz passive probe
- TA133 500 MHz passive probe

High-quality, high-impedance BNC oscilloscope probes. Each probe is supplied with a range of accessories for convenient, accurate measurements. Fixed 10:1 attenuation. Ideal for use with the PicoScope 6000 series.

- TA386 150 MHz passive probe
- TA375 250 MHz passive probe

High-quality, high-impedance, BNC oscilloscope probes. A two-position slide switch selects attenuation of either 1:1 or 10:1.

PicoConnect 900 Series

A family of high-performance RF, microwave and pulse probes allowing cost-effective fingertip browsing of broadband signals up to 5 GHz (10 Gb/s).

Active differential probes

Active differential probes extend the functionality of standard single-ended input oscilloscopes to allow a safe and accurate method of making high-voltage differential measurements.

Applications include making safe measurements in power circuit applications and acquisition of low-speed balanced differential signals found in serial communications buses.

- TA050 attenuator set: BNC 50 Ω, 1 W, 1 GHz, 3, 6, 10, and 20 dB

The TA050 attenuator set consists of four coaxial attenuators designed for use with signals up to 1 GHz. Each attenuator has a male and a female BNC connector.

Current probes

Current probes offer a safe, cost-effective, simple and accurate way to take current measurements. They enable you to measure currents without breaking the electric circuit. Current probes are designed with sensors that can be opened, placed around the conductor and securely fastened to form a loop around the conductor.

The Pico current probes shown here can be used with Pico oscilloscopes and data loggers, as well as with all major brands of oscilloscopes and multimeters.

- TA386 150 MHz passive probe
- TA375 250 MHz passive probe

High-quality, high-impedance oscilloscope probes. Each probe is supplied with a range of accessories for convenient, accurate measurements. Fixed 10:1 attenuation. Ideal for use with the PicoScope 6000 series.

Active single-ended probes

The TETRIS range is independent of any particular system and can be plugged into any measuring instrument with a 50 Ω input. With an input resistance of 1 MΩ and an input capacitance of just 0.9 pF, the TETRIS probes are suitable for measurements in all frequency ranges. Compared to passive probes the TETRIS active probes offer a high input impedance into the GHz range. Three probes are available from 1 GHz to 2.5 GHz bandwidth.

- TA062 passive probe (BNC)
- TA061 passive probe (SMA)

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Other probes and sensors

Three-axis accelerometer

The PP877 is a three-axis MEMS accelerometer and oscilloscope interface. It is supplied with three short BNC to BNC cables which plug directly into any PicoScope oscilloscope with three or more analog channels. High-resolution oscilloscopes such as the PicoScope 4424 Series are recommended to take advantage of their increased sensitivity.

- ± 5 g measurement range
- DC to 350 Hz frequency range
- 3 x BNC to BNC cables included

Attenuator set: BNC 50 Ω, 1 W, 1 GHz, 3, 6, 10, and 20 dB

The TA050 attenuator set consists of four coaxial attenuators designed for use with signals up to 1 GHz. Each attenuator has a male and a female BNC connector.

A wide range of 4 mm (banana plug) cables, connectors, adaptors, clips and probes are available, with CAT II and CAT III ratings also available.

www.picotech.com
PicoLog 6 software

PicoLog 6 is a complete data acquisition software package which is fully compatible with Windows, macOS and Linux.

With its clear and user-friendly layout, ideal for use with a mouse or a touchscreen, PicoLog 6 allows you to set up the logger and start recording with just a few clicks of the mouse, whatever your level of data logging experience. Set up simple or advanced acquisitions quickly, and record, view and analyze your data with ease. Available in 7 languages.

PicoLog 6 is a complete data acquisition software package which is fully compatible with Windows, macOS and Linux.

**Software features**

**Intuitive logger and channel setup**

In the Device Configuration view you can instantly see the status of instruments, channel settings and math channels. An image of the device appears for each device detected, showing which channels are enabled. From this screen you can view and adjust settings such as adding graph axes, per-channel scaling factor, alarms, notes, graph annotations, channel naming and color, sample mode and sample interval.

**View live data in Graph View**

The PicoLog 6 Graph View makes it easy to view captures, zoom and pan through large datasets, record alarm history and display when alarms occurred. It also allows you to annotate the graph with your notes and observations.

Adding additional graph axes is also essential for multi-channel logging applications where measurement units are different for every channel, or when the channels are measuring values at opposite ends of the range. You can view up to four axes with different ranges at a time.

**Math channels**

Some applications require the recording and graphing of a calculated parameter containing data from one or more measurement channels. PicoLog 6 is equipped with an equation builder to perform simple calculations such as \( A - B \), or more complex functions such as log, sqrt, abs, round, min, max, mean and median. Math channels are treated like any normal channel, so you can perform functions like alarms, graphing and annotations on them.

**Exporting data**

Exporting large datasets to CSV can often be troublesome due to file size limitations, so PicoLog 6 includes a suite of export options using the Table View to build your dataset. These include downsampling, selecting channels to export or even restricting the export region to the zoomed area on screen.

Want to export a screen shot? PicoLog 6 includes a feature to export the graph as a PDF, again, select either the entire capture or the zoomed area of interest. The export to PDF format also includes options to include alarm trigger history, annotations, channel configuration and capture notes, for a complete capture report.

**View live numerical data in table format**

Table View allows you to view live and saved data from your logger.

When configuring table view, it is possible to add 4 statistical parameters to each channel: last sample, minimum, maximum and average. In addition, you can specify the table update rate for the display of live data or the time interval between rows for saved data.

**Alarms and annotations**

In PicoLog 6, you can set up an alarm to alert users when a parameter goes out of range. This can be configured to play a sound, display visual alerts on the screen, run a specified application such as an email or SMS client, and automatically annotate the capture graph to mark when the alarm happened and its duration. Alarms can also trigger a digital output on devices with supporting hardware, such as the PicoLog 1000 Series, ADC-24 and DrDAQ. You can even trigger a digital output from one of these devices based on an alarm condition from another connected logger without digital outputs, such as a TC-08.

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Try the PicoLog 6 software today!

PicoLog 6’s built-in demo mode allows you to try out the full functionality of the software with a choice of virtual devices and simulated live data. You also can use PicoLog 6 to view previously saved data, even with no device connected. Visit [www.picotech.com/downloads](http://www.picotech.com/downloads) and select PicoLog Data Loggers to get your copy.
**PicoLog data loggers**

Pico data acquisition products provide a straightforward answer to your data logging needs. Our data loggers require no power supply and simply plug into a USB port on your PC, or an Ethernet port on your PC or network. Every logger is supplied with PicoLog 6 data acquisition software so you can measure, record and analyze your data (see previous page for more information).

**PT-104**
*Precision Temperature Data Logger*
- Measures temperature, resistance and voltage
- High resolution (0.001 °C) and accuracy (0.015 °C)
- Works with PT100 and PT1000 sensors
- Supports 2, 3 and 4-wire sensors
- USB and Ethernet (PoE) interfaces
- No additional power supply required if using USB
- Run multiple units on a single PC

| PP582  | PT-104 | $659 | €559 | £459 |

A range of accessories is available at www.picotech.com

**PicoLog 1000 Series**
*Multi-purpose Data Loggers*
- Up to 16 input channels per data logger
- Includes screw terminal board
- Use up to 20 data loggers at the same time
- Up to 1 MS/s sample rate using PicoSDK
- USB connected and powered
- Compatible with PicoScope 6 and PicoLog 6

| PP546  | PicoLog 1012 | 12 channel | 10-bit resolution | $179 | €149 | £129 |
| PP547  | PicoLog 1216 | 16 channel | 12-bit resolution | $259 | €219 | £185 |

**PicoLog CM3**
*Current Data Logger*
- Suitable for single or three-phase alternating currents
- Non-invasive measurement
- High resolution and accuracy
- USB and Ethernet (PoE) interfaces
- No additional power supply required if using USB
- Run multiple units on a single PC

| PP815  | PicoLog CM3 | Logger only | $409 | €349 | £289 |
| PP803  | PicoLog CM3 kit | With 3 current clamps | $579 | €489 | £399 |

**ADC-20 and ADC-24**
*Precision Data Loggers*
- 20 and 24-bit resolution models available
- Up to 8 true differential inputs
- Up to 16 single-ended inputs
- Up to 7 input ranges (±39 mV to ±2500 mV)
- Digital outputs for control
- Galvanic outputs from the PC to eliminate noise pickup
- Includes screw terminal board

| PP311  | ADC-20 | 8 single-ended inputs or 4 true differential inputs | 20-bit resolution | $359 | €309 | £249 |
| PP312  | ADC-24 | 16 single-ended inputs or 8 true differential inputs | 24-bit resolution | $689 | €589 | £479 |

**DrDaQ**
*Educational Data Logger*
- Oscilloscope / spectrum analyzer
- Signal generator / arbitrary waveform generator
- Built-in sensors for light, temperature and sound
- Measure pH and redox – just plug in any standard electrode
- Sockets for external sensors including temperature and humidity
- 4 digital inputs and outputs (alarms, PWM, pulse counting)
- USB connected and powered
- Very low cost
- For more information please visit www.drdaq.com

| PP706  | DrDaQ logger only | $129 | €109 | £95 |
| PP707  | DrDaQ kit | $329 | €279 | £225 |
| PP716  | DrDaQ pH logger kit | $199 | €169 | £139 |

www.picotech.com