

PicoScope 3000E Series

The PicoScope 3000E Series enables the rapid cost-effective debug and performance validation of complex analog and power electronic designs. They are small, portable and provide high-performance specifications ideal for engineers working on advanced electronics and diverse embedded system technologies, either in the laboratory or on the move.



- 350 MHz or 500 MHz with 5 GS/s
- 10-bit resolution (with enhancement to 14 bits)
- 2 GS ultra-deep capture memory
- 16 digital channels (on MSO models)

- Arbitrary waveform generator included
- Over 40 serial protocol decoders included
- PicoScope, PicoLog and PicoSDK Software included



- Supports up to 16 digital MSO channels
- 200 ms capture time at 5 GS/s
- Up to 4 GS capture memory

- 50 MHz 200 MS/s 14-bit AWG
- 300 000 waveforms per second update rate
- Over ten million DeepMeasure™ results per acquisition

PicoScope 6000 Series

Deep-memory, high-performance oscilloscopes and MSOs. The PicoScope 6000 Series fixed-resolution and FlexRes oscilloscopes provide 8 to 12 bits of vertical resolution, with up to 3 GHz bandwidth and 10 GS/s sampling rate. Models with four or eight analog channels have the timing and amplitude resolution you need to reveal signal integrity issues such as timing errors, glitches, dropouts, crosstalk and metastability issues.

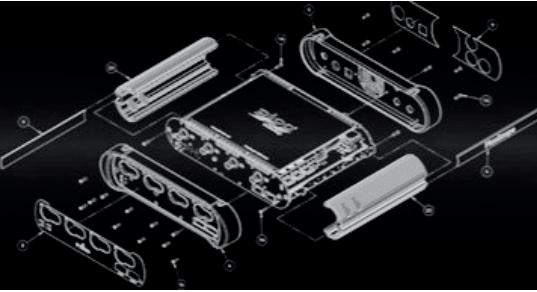
PicoVNA

A low-cost, professional-grade 6 and 8.5 GHz VNA for both lab and field use. Professional and portable quad-receiver 118 dB design with bias-Ts. Up to 5500 dual-port Touchstone S-parameters per second. < 0.005 dB RMS noise in 140 kHz bandwidth.



- > 10 000 S11 + S21 per second
- Quad RX four-receiver architecture for best accuracy
- Half-rack, small-footprint, lightweight package
- Up to 124 dB dynamic range at 10 Hz bandwidth

➤ Reach out to us at picotech@gsasmspl.com



PicoScope 9300 Series

With up to 30 GHz bandwidth, the PicoScope 9300 sampling oscilloscopes address digital and telecommunications applications of 10 Gb/s and higher, microwave applications up to 30 GHz and timing applications with a resolution down to 64 fs. Optional 11.3 Gb/s clock recovery, differential, deskewable time domain reflectometry sources (60 ps/7 V) complete a powerful, small-footprint and cost-effective measurement package.



- Electrical, optical, TDR/TDT models
- 15 TS/s (64 fs) sequential sampling
- Up to 15 GHz prescaled, 2.5 GHz direct trigger
- Industry-leading 16-bit 1 MS/s ADC and 60 dB dynamic range
- Eye & mask testing to 20 Gb/s with up to 223-1 pattern lock
- Comprehensive built-in measurements, histogramming & editable data mask library
- Integrated, differential, deskewable TDR/TDT step generator

Data Logger



PicoLog 1000

- 16 input channels per logger
- USB powered
- High-speed voltage logging
- High channel count combined with fast sampling



PicoLog CM3

- 3-phase current logging
- USB powered
- No external power needed
- Supports multiple units



ADC-20 / ADC-24

- 8 differential/16 single-ended inputs
- Galvanic isolation
- Digital outputs

	PicoScope 2000 Series		PicoScope 3000 Series		PicoScope 4000 Series
	2000A models with MSO options	2000B models with MSO options	3000D models with MSO options	3000E models with MSO options	4224A, 4424A and 4824A
Description	Power and performance in your hand	Benchtop performance in a pocket-sized scope	Where power and performance meet portability		High-resolution oscilloscopes
Channels	2 or 4 (+ 16 digital with MSO)	2 or 4 (+ 16 digital with MSO)	2 or 4 (+ 16 digital with MSO)	4 (+ 16 digital with MSO)	2, 4 or 8
Outputs	FG + AWG 100 kHz / 1 MHz	FG + AWG 1 MHz	FG + AWG 1 MHz	FG + AWG 20 MHz	FG + AWG 1 MHz
Analog bandwidth	10 to 25 MHz	50 to 100 MHz	50 to 200 MHz	350/500 MHz	20 MHz
Sampling rate	100 to 500 MS/s	500 MS/s to 1 GS/s	1 GS/s	5 GS/s	80 MS/s
Resolution (enhanced)	8 bits (12 bits)	8 bits (12 bits)	8 bits (12 bits)	8/12 bits	12 bits (16 bits)
Capture memory	8 kS to 48 kS	32 MS to 128 MS	64 MS to 512 MS	2 GS	256 MS
Power	USB	USB	USB/AC adaptor	USB-C®	USB

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