

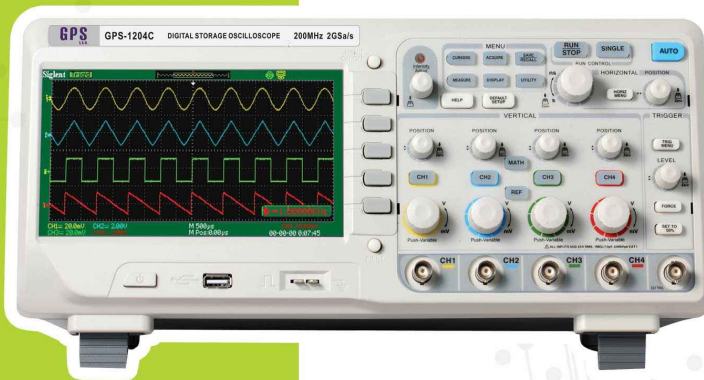
GPS-1000C Series Digital Storage Oscilloscope

The GPS-1000C series is a highly efficient oscilloscope. It utilises key features which include long memory, numerous measurement capabilities and advanced triggering. The models range in bandwidths, starting at 70MHz and ending at the high level 300MHz model. It can achieve an impressive maximum sampling rate of 2GS/s and each channel has a waveform memory of up to 24Kpts.

GPS-1000C Series provide 32 different measurements, which can all be viewed simultaneously using the dashboard. The unit also benefits from inbuilt mathematical calculations based on its measurements, including Add, Subtract, Multiply, Divide, and FFT.

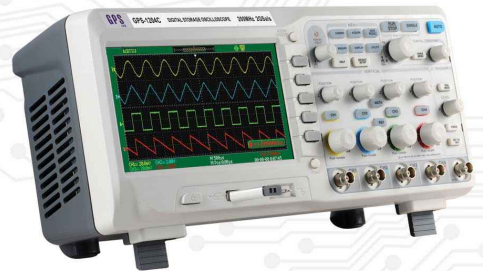
There is a Digital Filter for each channel, allowing the user to acquire and identify the frequencies needed. It is capable of saving and loading previously captured waveforms, using the units large internal memory. This can save the user valuable time and effort.

The USB ports allow the user to send data to a PC or printer, or otherwise save data onto USB hard drives or memory sticks. Software is included to make these processes smooth and simple.



• Features

- 300/200/70 MHz Bandwidth
- 2 or 4 Input Channels
- Max sample rate of 2GS/s
- 24 Kpts memory per channel.
- High Resolution 7" color TFT display
- 32 automatic measurements
- Multiple languages
- Large internal storage





Specifications:

	GPS-1302C	GPS-1304C	GPS-1202C	GPS-1204C	GPS-1102C	GPS-1104C	GPS-1072C	GPS-1074C
Vertical								
Bandwidth	300 MHz	300 MHz	200 MHz	200 MHz	100 MHz	100 MHz	70 MHz	70 MHz
Input Channels	2	4	2	4	2	4	2	4
Rise Time	< 1.2ns	< 1.2ns	< 1.7ns	< 1.7ns	< 3.5ns	< 3.5ns	< 5.0ns	< 5.0ns
Vertical Resolution	8-bits							
Vertical Sensitivity	2mV/div – 5V/div							
Bandwidth Limiting Filter	20 MHz							
Maximum Input Voltage	400 Vpk, 300 Vrms (1MΩ Input Impedance)							
Input Coupling	AC, DC, GND							
Input Impedance	1 MΩ, 13pF							
Acquisition								
Sample Rate(Single Shot)	2 GS/s	2 GS/s	2 GS/s	2 GS/s	2 GS/s	2 GS/s	2 GS/s	2 GS/s
Sampling Rate(Equivalent)	50 GS/s	50 GS/s	50 GS/s	50 GS/s	50 GS/s	50 GS/s	50 GS/s	50 GS/s
Peak Detect period	2.5 ns							
Memory Length	24 kpts	24 kpts	24 kpts	24 kpts	24 kpts	24 kpts	24 kpts	24 kpts
Timebase Range	1.0ns/div – 50s/div							
Probes								
Standard Probes	10:1, 1:1 Switchable Passive Probe (one per channel)							
Triggering								
Triggers	Edge, Pulse Width, Video, Slope (Rise Time), Alternate							
Measure, Math and Wave Recorder								
Measure	Amplitude, Average, Base, Burst Width, Cyclic RMS, + Duty Cycle, - Duty Cycle, Fall Time, Frequency, Max, Mean, Min, Overshoot, Peak-Peak, Period, Phase, Rise Time, RMS, Top, + Width, - Width. Plus 8 advanced parameters for edge to edge timing measurements							
Math	Add, Subtract, Multiply, Divide, FFT (up to 1 kpts with Rectangular, Von Hann, Hamming or Blackman windows)							
Waveform Sequence Recorder	Record and playback a sequence of up to 2500 waveforms							
Input/Output Interfaces								
USB	USB host port for flash drives, USB device port for connecting to PC and printers							
LAN	LAN port for connection to PC using software							
Physical								
Dimension (HWD)	118 x 156 x 358 mm							
Weight	4.5 Kg							
Power Requirements								
	100-240 VAC, 45-440 Hz , 50VA Max. Automatic AC voltage selection							
Standard accessories								
	One Passive Probe per channel, Power cord, EasyScope software CD, User Manual, USB Cable							

- General Polytronic Systems Ltd
14 Regents St. London, NW10 5LG, UK
Tel: +44 20 8964 3600
Email: sales@gpslimited.com
Web: www.gpslimited.com