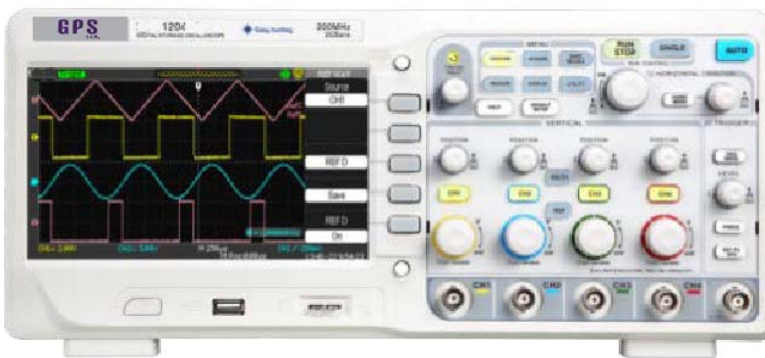


GPS-1000C

Powerful 4-channel oscilloscopes with our highest bandwidth range provides you with affordable performance in a compact design packed full of standard features

With up to 300 MHz bandwidth and 2 GS/s maximum sample rate, no other digital storage oscilloscope offers as much bandwidth and sample rate for the price. Advanced triggers – rising/falling edge, pulse width, and video – help you quickly isolate your signals of interest. Once you've captured a signal, advanced math capabilities and automated measurements can speed your analysis. Quickly perform an FFT or add, subtract, or multiply waveforms. Automated measurements quickly and reliably calculate important signal characteristics such as frequency or rise time. One of the main benefits is that the device comes with an integrated 7-inch colour TFT-LCD display which assigns a colour to each of the four channels that the device can measure, making it easy to track waveforms and gain accurate measurements. The GPS-1000C Series oscilloscopes help you get more done in less time.



"I'm very happy with this 4ch. It's worked flawlessly."

"All in all, it's easy to use and the controls I need are only one or two clicks away."



"The fast start time is another reason the GPS-1204C is the scope I use most often"

Key Features

- 12kPt memory depth (all channels in use)
- 7-inch Colour TFT LCD display (480 x 234) with 4 display styles
- Screen saver w/ adjustable delay
- 1GSa/s sample rate (all channels in use); 2GSa/s (one or two channels in use)
- Five Trigger Modes
- Unique digital filtering function
- Waveform recording function
- Pass / Fail function
- 32 automatic measurements
- Cursor measurements
- Pop-up Menus

Ideal For

- Design / debug
- Production Test
- Education
- Repair / maintenance services

Technical Specifications

Model	GPS-1104C	GPS-1204C	GPS-1304C
Bandwidth	100MHz	200MHz	300MHz
Sample Rate(Max)	1GSa/s(eachchannel),2GSa/s(halfchannel);50GSa/sequivalent		
Channels	4CH+1EXT		
Memory Depth(Max)	24kPts		
Display	7 inch TFT LCD(480x234)		
Trigger Type	Edge,Pulse,Video,Slope,Alternate		
Time basescale	2.5 ns/div - 50s/div	2.5 ns/div - 50s/div	1.0 ns/div - 50s/div
Vertical Scale (Probe 1X)	2mV/div -5V/div(1-2-5order)		
Standard I/O	USBHost,USBDevice,LAN,Pass/Fail		
Math.Function	+,-,*,./,FFT(Rectangular,Blackman,Hanning,Hamming)		
MeasureSystem	32parameters automeasurements		

Standard Accessories

EasyscopeX© software

USB cable

Passive probes 1:1 and 10:1 (Qty 4)

220V AC EU power cord (unit is 220V and 110V selectable)

Calibration certificate

Quality certificate

Quick-start guide

EMC

2004/108/EC

Execution Standard EN 61326-1:2006 EN 61000-3-2:2006+A2:2009, EN61000-3-3:2008

Safety

2006/95/EC

Execution Standard EN 61010-1:2010/EN61010-2-030:2010

Power

100-240 VAC, CAT II, Auto selection

50W Max

Input Voltage

±400V(DC+ACPk-Pk), CAT I, CAT II

Languages

English, Arabic, French, German, Russian, Portuguese

Spanish, Japanese, Korean, Italian

General Specifications

GPS-1000C Optional Accessories		
Code	Item	Part Number
PLEASE CALL	Selection of current probes	n/a
PLEASE CALL	Selection of high voltage differential probes	n/a
HPB4010	High Volt. Probe Bandwidth:40MHz;Max input diff. voltage DC:10HV;AC(rms):7KV(sine);AC(Vpp):20KV(pulse)	900021
SC2	Soft Carrying Case	900055

Dimensions

358 x 156 x 118mm / 14 x 6 x 5" (w x d x h) approx

Mass

4.5kg/10lbs approx

Operating: 10°C ~ 40°C

Operating: 85%RH, 40°C, 24hours

Operating: ≤3000m

Storage: -20°C ~ +60°C

Storage: ≤15266m

Services

1 year warranty (subject to product registration with GPS Ltd)

Visit www.gpslimited.com/register-productService

and calibration available. Please contact for more information

Part Number

160104(100MHz)

160208(200MHz)

160312(300MHz)

www.gpslimited.com/1000C

For all enquiries Tel: +44 (0) 208 964 3600

Email: info@gpslimited.com