



GPS

# 1000B+

A series of flagship oscilloscopes providing you with all the necessary functionality for excellent value and performance

The previous 1000B Series oscilloscope has now been upgraded with a new crisp 7-inch higher resolution screen with improved waveform area display to allow for easier readability and visual analysis. The new display also allows for more functions to be read simultaneously. Other additions include a front-panel redesign offering comprehensive ease-of-use functions for all measuring tasks, an LAN interface for remote controllability and a memory partition to allow for more waveform recording. All in all, the oscilloscope has all the functions that made the previous series so popular but has also been optimised after years of productivity and feedback to further suit the needs of the user. This a very capable general-purpose measurement instrument in any workshop or laboratory environment.

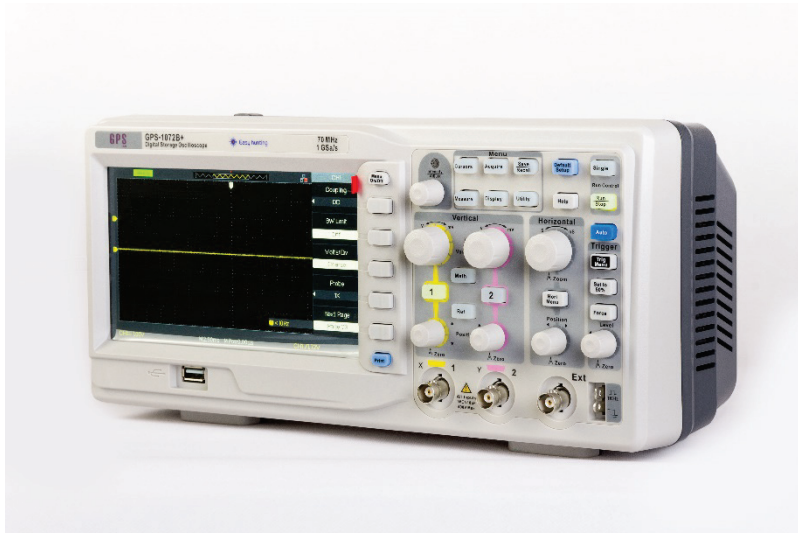


Figure 1 Model shown GPS-1072B+

## Key Features

- 7-inch TFT-LCD display with 800 \* 480 resolution
- 150 MHz, 100 MHz or 70 MHz model available
- Real-time sampling rate up to 1 GSa/s
- Memory Depth up to 2 Mpts
- Trigger types: Edge, Pulse, Video, Slope, Alternate
- Waveform math functions: +, -, \*, /, FFT
- 6-digit frequency counter
- Plot two channels against each other
- PC remote connectivity with EasyScopeX© software

## Ideal for

- Universities
- Automotive
- Aerospace
- Military
- Drivers and electrical machines
- Electrical utilities

## Technical Specifications

Model	GPS-1072B+	GPS-1102B+	GPS-1152B+
Bandwidth	70 MHz	100 MHz	150 MHz
Sample Rate (Max)	Real-time sampling rate up to 1 GSa/s, Equivalent-time sampling rate up to 50 GSa/s		
Channels	2+EXT		
Memory Depth (Max)	2 Mpts		
Display	7-inch TFT LCD (800x480)		
Trigger Type	Edge, Pulse, Video, Slope, Alternate		
Time base scale	5.0 ns/div - 50 s/div	2.5 ns/div - 50 s/div	2.5 ns/div - 50 s/div
Vertical Scale (Probe 1 X)	2 mV/div - 10 V/div (1-2-5)		
Standard I/O	USB Host, USB Device, LAN, Pass/Fail		
Math. Function	+, -, *, /, FFT (Rectangular, Blackman, Hanning, Hamming)		
Measure System	32 parameters auto measurements and 5 parameters display		

### Standard Accessories

EasyscopeX© software  
 USB cable  
 Passive probes (2 pcs)  
 220V AC EU power cord (unit is 220V and 110V selectable)  
 Calibration certificate  
 Quality certificate  
 Quick-start guide

### Power

100 ~ 240 Vrms 50/60 Hz; 100 ~ 120 Vrms 400 Hz  
 50 W Max

### Input Voltage

400 V, 1 MΩ

### Languages

English, Arabic, French, German, Russian, Portuguese Spanish,  
 Japanese, Korean, Italian

### EMC

2004/108/EC  
 Execution Standard EN 61326-1:2006  
 EN 61000-3-2:2006 + A2:2009  
 EN 61000-3-3:2008

### Safety

2006/95/EC  
 Execution Standard EN 61010-1:2010/EN 61010-2-030:2010

## General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-1072B+	7" TFT LCD, 70MHz Digital Storage Oscilloscope, 2 Channels	300072
GPS-1102B+	7" TFT LCD, 100MHz Digital Storage Oscilloscope, 2 Channels	300450
GPS-1152B+	7" TFT LCD, 150MHz Digital Storage Oscilloscope, 2 Channels	300670
SC2	Soft carrying case	900055

### Dimensions

323 x 135 x 157mm / 13 x 6 x 5" (w x d x h) approx.

### Mass

2.5kg/5.5lbs approx.

### Operating

10°C ~ 40°C  
 85%RH, 40°C, 24hours  
 ≤3000m

### Services

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

Visit [www.gpslimited.com/register-product](http://www.gpslimited.com/register-product)  
 Service and calibration available.

Please contact for more information

[www.gpslimited.com/1000Bplus](http://www.gpslimited.com/1000Bplus)  
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