

# GPS-1000B+

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

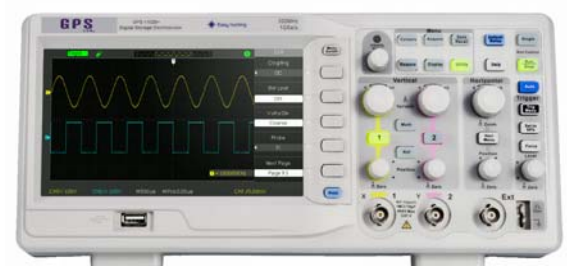
The previous 1000B Series oscilloscope has now been upgraded with a new crisp 7-inch higher resolution screen with improved waveform area display to allow for easier readability and visual analysis. The new display also allows for more functions to be read simultaneously. Other additions include a front-panel 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.

## 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



*"Excellent scope for the price, very satisfied"*

## Technical Specifications

| Model                     | GPS-1072B+  | GPS-1102B+           | GPS-1152B+           |
|---------------------------|---|----------------------|----------------------|
| Bandwidth                 | 70MHz   | 100MHz               | 150MHz               |
| Sample Rate(Max)          | Real-time sampling rate up to 1GSa/s, Equivalent-time sampling rate up to 50GSa/s |                      |                      |
| Channels                  | 2+EXT   |                      |                      |
| Memory Depth(Max)         | 2Mpts   |                      |                      |
| Display                   | 7 inch TFT LCD(800x480)   |                      |                      |
| Trigger Type              | Edge,Pulse,Video,Slope,Alternate  |                      |                      |
| Time base scale           | 5.0 ns/div - 50s/div  | 2.5 ns/div - 50s/div | 2.5 ns/div - 50s/div |
| Vertical Scale (Probe 1X) | 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 (Qty 2)  
 220V AC EU power cord (unit is 220V and 110V selectable)  
 Calibration certificate  
 Quality certificate  
 Quick-start guide

### EMC

2004/108/EC  
 Execution Standard EN61326-1:2006  
 EN 61000-3-2:2006 +A2:2009  
 EN 61000-3-3:2008

### Safety

2006/95/EC  
 Execution Standard EN 61010-1:2010/EN61010-2-030:2010

### 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

## General Specifications

| GPS-1000B+ 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

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

Operating: 85%RH, 40°C, 24hours

Operating: ≤3000m

Storage: -20°C ~ +60°C

Storage: ≤15266m

### Services

1 year warranty (subject to product registration with GPSLtd)

Visit [www.gpslimited.com/register-productService](http://www.gpslimited.com/register-productService)

and calibration available. Please contact for more information

### Part Number

300072 (70MHz)

300450 (100MHz)

300670 (150MHz)

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

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

Email: [info@gpslimited.com](mailto:info@gpslimited.com)