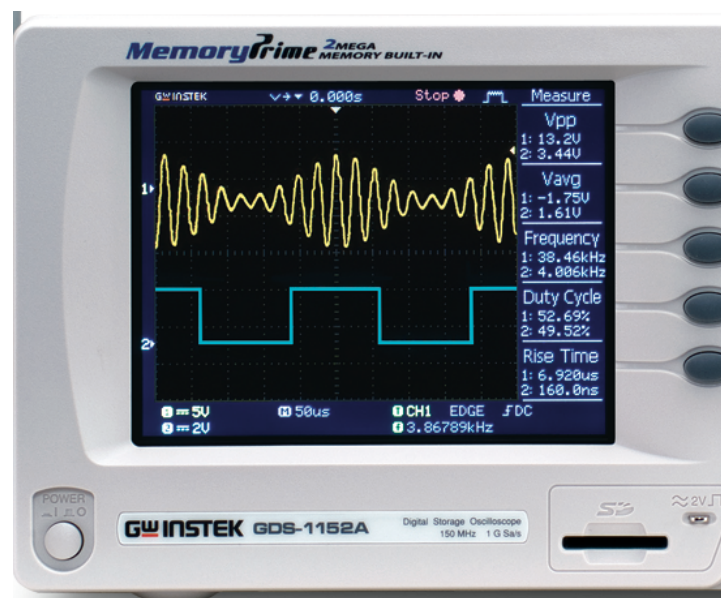


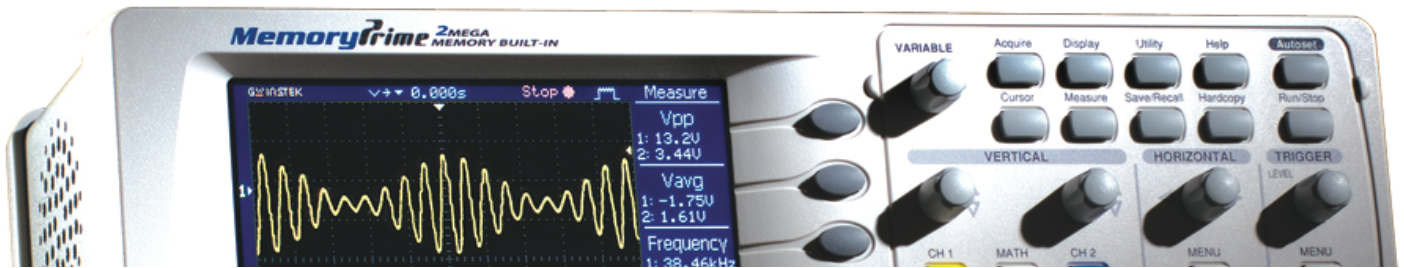


GDS-1000A Series Digital Storage Oscilloscope

With the increasing complexity of signals, traditional digital storage oscilloscopes don't have the capability of displaying an input signal completely or comparing the relative relationship between signals accurately due to memory constraints. The waveform record length and the sample rate of a DSO are tied to memory depth. Assuming a constant sample rate, the more memory a DSO has, the longer the signal can be displayed. Conversely, assuming a limited memory depth, the faster the sample rate, the shorter the time a signal can be observed. In order to fully utilize the advantage of 2M point memory without sacrificing the waveform update speed, GDS-1000A adopts the Memory Prime technology, which installs a high speed signal processor to work in parallel with CPU to exceedingly raise up the waveform

The GDS-1000A 150/100/60MHz dual-channel digital storage oscilloscope series inherit the passionate design and strong value traditional to GW Instek DSOs. The series feature 1GS/s real-time sampling rate, 2M memory length, USB remote interface, high resolution color TFT display, SD flash drive support and GW Instek's user-friendly interface. Quality design and powerful features combine to create a powerful tool for waveform capture and analysis.



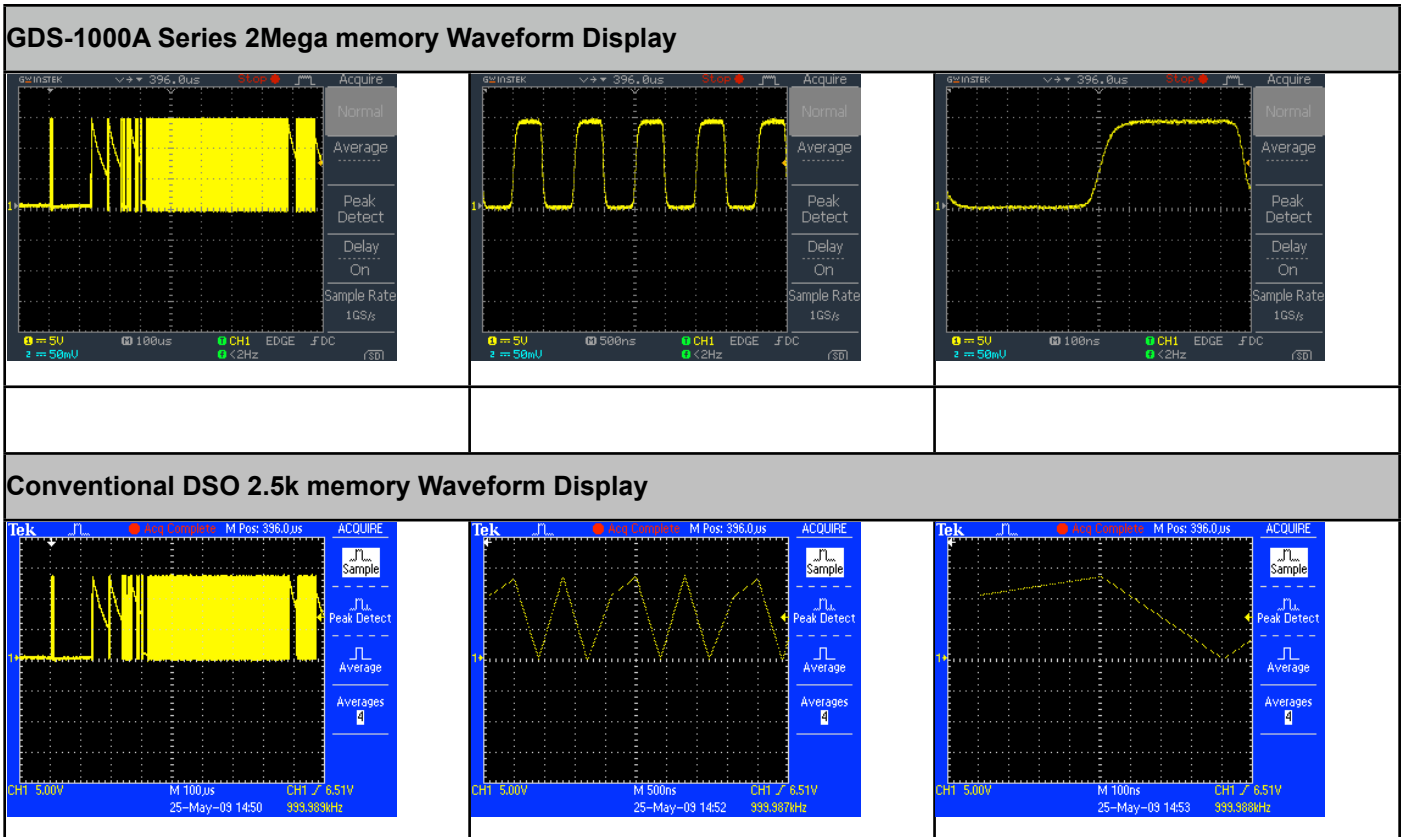


More Deep, More Detail.

What is the single feature lacking from most digital storage oscilloscopes? Adequate memory depth. Is the memory depth of your DSO large enough?

With 2M points of memory, the GDS-1000A has the capability to acquire far more waveform data compared to other DSOs in the same range.

The 1GSa/s sampling rate and 2M point memory plays an extremely powerful role for single-shot waveform capture. Properly set the trigger conditions to baby-sit the expected waveform. When the single-shot waveform is triggered and captured, you are able to check and see the single-shot event without losing any detailed information. A DSO, with high sampling rate but short memory, can't do the job of single-shot waveform capture as good as what GDS-1000A can do.



Original Signal



Expand
200 time



Expand
1000 time

Refined, not renewed.



PictBridge Printer supported

The GDS-1000A is one of a few DSOs that can provide complete remote control or data capture over a USB interface currently on the market.

For better printer-ready printout in real time, compatible printers are PictBridge supported. Printing directly to a printer no longer requires complex configuration. After connecting the oscilloscope to a PictBridge compatible printer with a USB cable, printing is as easy as pressing of a button.



SDHC memory card supported

For more secure/quick storage with hard measurement data, the GDS-1000A series use SD memory card as storage media. There is a no serious concern that the previous

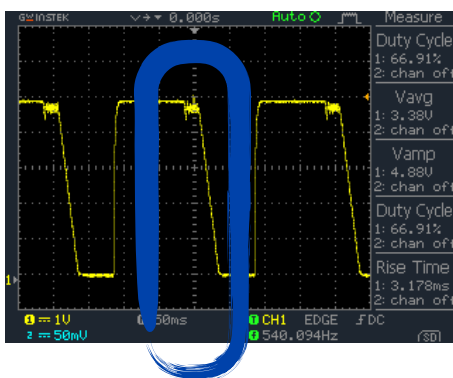
USB flash disk data transmission protocol has no serious capabilities to retain valuable data. We currently have a reinforced storage interface. Each GDS-1000A has a high-speed SDHC memory card so that you can record test data quickly and securely.



Faster turn your waveform page & Set time mark

MemoryPrime technology allows a maximum of 2M of waveform data. For engineers, analyzing a considerable amount of data can be an extremely challenging task.

To assist engineers in analyzing waveforms quicker, we provide Horizontal Page Skip and Set Time Mark functionalities. This lets engineers take full advantage of the 2M memory depth.



Auto measurement gating

A built-in Autoset function on a digital oscilloscope gives engineers remarkable convenience. With the complexities of product features, traditional auto measurement

information is inadequate for modern measurement needs. The new Cursor Gating feature allows you to mark an area with cursors for auto measurement.

GW INSTEK

Made to Measure Since 1975

0.1x to 2000x

Flexible probe factor setting

There is a diverse range of test probes currently on the market such as passive, differential, and electrical probes. The attenuation ratio of each probe type also differs greatly. To thoroughly resolve this issue, probe

attenuation ratios of 0.1 to 2000 times as well as voltage or current probes are supported with the GDS-1000A.



Update your GDS-1000A Now!!!

For better test measurement with continuous innovations, you still can enjoy so many new features even though you already purchase the GDS-1000A model, while enhancing products continuously.

Just consult your distributor immediately for GDS-1000A upgrade.



GDS-1000A Features

- 1GSa/s Real Time Sampling Rate
- 2 Mega Point Record Length
- 5.6" Color TFT LCD display
- 2mv~10v Vertical scale
- 1ns~50s Horizontal range
- up to 27 Auto measurement
- +, -, x, FFT, FFTrms Math Functions
- SD memory card supported
- USB Interface as standard
- Free PC software provide Virtual panel for educational field
- Word & Excel Add-ins supported; Allow waveform picture and data transferred from GDS to PC easily
- Fully remote control command set
- Lifetime Warranty

GDS-1000A Series

	GDS-1062A	GDS-1102A	GDS-1152A
Channels	2	2	2
Bandwidth	60MHz	100MHz	150MHz
Sample Rate	1GSa/s	1GSa/s	1GSa/s
Record Length	2 Mega	2 Mega	2 Mega

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