

**150MHz/100MHz/70MHz DIGITAL STORAGE OSCILLOSCOPE**



**MemoryPrime** 2MEGA MEMORY BUILT-IN

GDS-1000A-U is a general purpose 2-channel oscilloscope designed to meet diversified educational demands and basic industrial requirements. This series provides bandwidths ranging from 70MHz to 150MHz. Together with intuitive human machine interface design and 5.7 inch color TFT LCD, GDS-1000A-U allows users to enjoy better measurement experiences.

GDS-1000A-U series offers dual sampling modes, 1GSa/s Real-Time and 25GSa/s Equivalent sampling rates, giving users a more flexible option to process incoming signals. With fast waveform process capability, more advanced triggering functions, and 2.5Kg light-weight design, GDS-1000A-U is a very capable oscilloscope to enhance users' returns on their investments in terms of price versus performance. GDS-1000A-U is also viewed as a replacement of analog oscilloscope. With its good functionality and capability, GDS-1000A-U can satisfy diversified educational demands as well as fulfill industrial basic requirements in servicing, maintenance, or production.

GDS-1000A-U also provides great accessibility through its USB Host and Device ports. Via USB Device port, user can easily build a remote control program to manipulate the machine. Via USB Host port, user is capable of not only storing data directly into flash disk for further analysis but also activating data logging function to monitor waveform data in designated time sequence.

**Easy to use**

Several acquisition mode and 27 auto measurement functions help user to measure the accurate property of waveforms. The advanced auto-set function makes GDS-1000A-U Series catch waveform automatically and display waveform quickly. With arithmetic functions, FFT function keeps user being aware of the results by updating value immediately. Without almost extra-calculation GDS-1000A-U Series can provide sufficient information of testing.

**USB Host & USB Device supported**

A total of 15 waveforms could be saved into the internal memory for later recall and display, and 2 saved reference waveforms plus 2 live waveforms could be shown on the screen at the same time for comparison. USB Host mass storage and USB device port are supported, providing storage/transfer of measurement data and remote control for diversified solutions.

**Guaranteed Protection**

By providing the Global Lifetime Warranty Program for the GDS-1000A-U digital storage oscilloscope series, we believe you can have the same confidence we do in the quality of each GDS-1000A-U DSO. By purchasing a GDS-1000A-U you can be assured of a highly economical, low maintenance, quality DSO backed with the protection of the LifeTime Warranty program. For more details and applicable conditions regarding the LifeTime Service program, please visit the GW Instek or consult your nearest distributor.

**GDS-1000A-U Series**

**FEATURES**

- 150/100/70 MHz Bandwidth, 2 Input Channels
- 1GSa/s Real-Time and 25GSa/s Equivalent-Time Sampling Rate
- 2Mega Point Record Length
- 2mV~10V Vertical Scale
- 1ns~50s Horizontal Range
- Up to 27 Auto Measurements
- Versatile Math Function: +, -, x, /, FFT, FFTrms, Zoom FFT
- 5.7" Color TFT LCD Display
- USB Host & Device Ports
- Go/NoGo Function
- Data Logger
- Limited Lifetime Warranty

**GDB-02 Oscilloscope Education and Training Kit**



**APPLICATIONS**

- Laboratories and Educational Facilities
- Product Testing and Quality Assurance
- Service Operation and Post-Sales Support
- Product Development and Debugging

