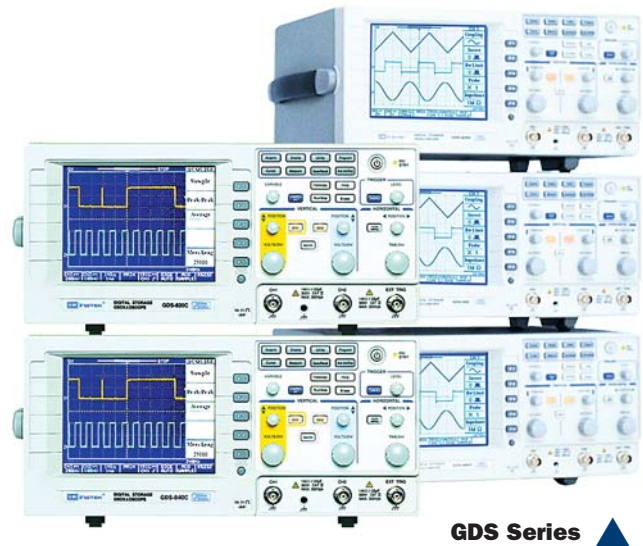


NEW Instek Digital Storage Oscilloscopes

- 150MHz/250MHz Bandwidth with Either Color or Monochrome LCD Display
- 125K Long Memory and 12 Division Horizontal Display
- 25GS/s Sampling Rate for Repetitive Waveforms
- Advanced Trigger : Pulse Width , TV Line, Event Delay and Time Delay
- Go-No Go, Learn Mode and Auto Setup Sequence
- 15 Automatic Functions
- FFT Function
- Built-In Help Menu, Multi-Language and PC Software
- Standard Interface: USB, RS-232C, Printer Port, Option: GPIB



C

With Equivalent Time Sampling Technique, GDS-820/840 series perform up to 25G S/s sampling capability and provide high resolution of 40ps for repetitive waveforms. Comparing with 1GS/s and 2GS/s sampling DSOs, GDS-820/840 gives higher or equal sampling rate and longer record length of a transient signal at the same time-base because of its 125K long memory. Furthermore, this series offer an alternative to view the signal with 12 horizontal divisions, which matches long memory applications!

The FFT function converts a captured waveform from time domain into frequency domain. The Go-No Go function gives an instant view of the performance of a DUT or provides an easy way to baby-sit the abnormal event of a signal. The Learn Mode and Auto Setup Sequence function let the user complete his ATE test procedures without software programming.

The Auto-Set function enables the DSO to automatically adjust the set-up and display the waveform in a proper way! The on-screen Help Manu tells you the operation information you need. Besides, 15 auto measurement functions of GDS-820/840 give you direct readouts of most of the frequently measured parameters!

Specifications and Ordering Information

Mfg #	GDS-820	GDS-820S	GDS-820C	GDS-840S	GDS-840C
Display	Monochrome (320x240)		Color (320x240)	Monochrome (320x240)	Color (320x240)
Channels	5.7" LCD				
Bandwidth	DC-150MHz		2		DC~250MHz
Real-time Sample Rate	100MSa/s maximum on each channel				
Resolution	8 bit				
Sensitivity	2mV / DIV ~ 5V / DIV				
Rise Time	<2.3ns		<1.4ns		
Modes	MAIN, WINDOW, WINDOW ZOOM, ROLL, X-Y				
Record Length	125k / CH				
Frequency Counter	6 digits, ±50 ppm all frequency reference errors are included & 1 count errors				
USB Interface	NA			STD.	
RS-232 Interface	NA			STD.	
Printer port	NA			STD.	
GPIB Interface	NA			OPT.	
Power Source	100V ~ 240V AC 48Hz ~63Hz,				
Dimensions	DxHxW, 254mm x 142mm x 310mm (10" x 5.6" x 12.2")				
Weight	Approx. 4.1kg (9 lbs.)				
Order #	MPGDS-820	MPGDS-820S	MPGDS-820C	MPGDS-840S	MPGDS-840C
Price					

Electronic Test Instruments