

SPECIFICATIONS

		GDS-1062A	GDS-1102A	GDS-1152A
VERTICAL	Channels Bandwidth Rise Time Sensitivity Accuracy Input Coupling Input Impedance Polarity Maximum Input Waveform Signal Process Offset Range Bandwidth Limit	2 DC~60MHz(-3dB) <5.8ns Approx.	2 DC~100MHz(-3dB) <3.5ns Approx.	2 DC~150MHz(-3dB) <2.3ns Approx.
TRIGGER	Sources Modes Coupling Sensitivity	2mV/div ~ 10V/div (1-2-5 increments) ± (3% x Readout + 0.1 div + 1mV) AC, DC & Ground 1MΩ ± 2%, ~15pF Normal & Invert 300V (DC+AC peak), CATII +, -, X, FFT, FFTrms 2mV/div ~ 50mV/div : ±0.4V ; 10mV/div ~ 500mV/div : ±4V ; 1V/div ~ 10V/div : ±40V 20MHz (-3dB)		
EXT TRIGGER	Range Sensitivity Input Impedance Maximum Input	CH1, CH2, Line, EXT AUTO, NORMAL, SINGLE, TV, Edge, Pulse width AC, DC, LF rej., HF rej., Noise rej. DC ~ 25MHz: Approx. 0.5div or 5mV; 25MHz ~ 60/100/150MHz: Approx. 1.5div or 15mV		
HORIZONTAL	Range Modes Accuracy Pre-Trigger Post-Trigger	±15V DC ~ 25MHz : ~ 50mV ; 25M ~ 60/100/150MHz : ~100mV 1MΩ ±2%, ~ 15pF 300V (DC+AC peak), CATII		
X-Y MODE	X-Axis Input Y-Axis Input Phase Shift	1ns/div ~ 50s/div (1-2-5 increments); ROLL : 250ms/div ~ 50s/div MAIN, WINDOW, WINDOW ZOOM, ROLL, X-Y ±0.01% 10 div maximum 1000 div		
SIGNAL ACQUISITION	Real-Time Sample Rate Equivalent Sample Rate Vertical Resolution Record Length Acquisition Mode Peak Detection Average	Channel 1 Channel 2 ±3° at 100kHz		
CURSORS AND MEASUREMENT	Voltage Measurement Time Measurement Delay Measurement Cursors Measurement Auto Counter	1GSa/s maximum 25GSa/s maximum 8 Bits 2M Points maximum Normal, Peak Detect, Average 10ns(500ns/div ~ 50s/div) 2, 4, 8, 16, 32, 64, 128, 256		
ADJUSTABLE PROBE COMPENSATION SIGNAL	Frequency Range Duty Cycle Range	V _{pp} , V _{amp} , V _{avg} , V _{rms} , V _{hi} , V _{lo} , V _{max} , V _{min} , Rise Preshoot/Overshoot, Fall Preshoot/Overshoot Freq, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle Eight different delay measurement Voltage difference between cursors (ΔV) Time difference between cursors (ΔT) Resolution : 6 digits Accuracy : ±2% Signal Source: All available trigger source except the Video trigger mode		
CONTROL PANEL FUNCTION	Autoset Save Setup Save Waveform	1kHz ~ 100kHz, 1kHz/STEP 5% ~ 95%, 5%/STEP		
DISPLAY	TFT LCD Type Display Resolution Display Graticule Display Brightness	Adjust Vertical VOLT/DIV, Horizontal TIME/DIV, and Trigger level automatically Up to 15 sets of measurement conditions 15 sets of waveform		
INTERFACE	USB Device SD Card Slot	5.6 inch 234 (Vertically) x 320 (Horizontally) Dots 8 x 10 divisions Adjustable		
POWER SOURCE	Line Voltage Range	USB1.1 & 2.0 full speed compatible (printers and flash disk not supported) Image (BMP) waveform data (CSV) and setup (SET)		
MISCELLANEOUS	Multi-Language Menu Online Help	AC 100V ~ 240V, 48Hz ~ 63Hz, Auto selection		
DIMENSIONS & WEIGHT		Available Available		
		310(W) x 142 (H) x 140(D)mm, Approx. 2.5kg		

Specifications subject to change without notice. DS-1000AGD1DH

ORDERING INFORMATION

GDS-1062A 60MHz, 2 channel, 1GSa/s & 2M Memory DSO
GDS-1102A 100MHz, 2 channel, 1GSa/s & 2M Memory DSO
GDS-1152A 150MHz, 2 channel, 1GSa/s & 2M Memory DSO

ACCESSORIES

User manual x1, Power cord x1
 Probe GTP-060A-4 or equivalent : 60MHz (10:1/ 1:1) Switchable passive probe for GDS-1062A (one per channel)
 Probe GTP-100A-4 or equivalent : 100MHz (10:1/ 1:1) Switchable passive probe for GDS-1102A (one per channel)
 Probe GTP-150A-2 or equivalent : 150MHz (10:1/ 1:1) Switchable passive probe for GDS-1152A (one per channel)

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