



## Digital storage oscilloscopes 2 channels



- BANDWIDTH at -3dB: 60MHz / 100MHz / 150MHz
- COLOR LCD display (5.6" Fast TFT screen, viewer angle 45°)
- SAMPLE RATE: 1 GSa/s per channel (25GSa/s equival.time)
- RECORD LENGTH: 2 Mega points
- VERTICAL SENSITIVITY: 2mV to 10V/div
- TIME BASE: 1ns to 50s / div
- MATH FUNCTIONS: + - x FFT FFTRMS
- USB interface. Slot for SD memory card
- UP TO 27 AUTO MEASUREMENTS
- ΔV ΔT Δf CURSORS
- INTERNAL MEMORY: 15 waveforms + 15 setups
- AUTOSET. / HELP KEY
- FREE PC SOFTWARE INCLUDED

REF	GDS1062A
Bandwidth -3dB	60MHz
Rise time	5.8ns

REF	GDS1102A
Bandwidth -3dB	100MHz
Rise time	3.5ns

REF	GDS1152A
Bandwidth -3dB	150MHz
Rise time	2.3ns



**MEMORY SD CARD  
2Gb SUPPLIED**

**COMPLETE RANGE  
OSCILLOSCOPES**

COMMON CHARACTERISTICS	
VERTICAL AMPLIFIERS	2 input channels
Input impedance	1MΩ // 15pF
Sensitivity / Accuracy	2mV/div to 10V/div sequence 1 - 2 - 5 / 3%
Coupling	AC - DC - ground
Max input voltage	300 Vpp CAT II
Offset range	from 2 to 50mV : ±0.4V - from 100 to 500mV : ±4V from 1 to 10V : ±40V
MODES	±CH1 ±CH2 FFT - FFT RMS - XY
TRIGGER	Auto, normal, single. Edge + or -, pulse width, TV
sources	CH1 , CH2 , CH3 ,CH4, mains, external.
Width triggering	more/less than a period of 20ns to 10s
Pre-trigger	10 divisions max
Post-trigger	1000 divisions max
Coupling	AC , DC , HF , LF , noise REJ
ACQUISITION	
modes	Sampling - Crest (Pulse capture > 10ns) Average (2 4 8 16 32 64 128 256) - Single
SAMPLING RATE	
Real time (sample rate)	1 GSa/s on each channel
Equivalent time	25GSa/s on each channel
Vertical resolution	8 bits
Memory length	2M points
TIME BASES A and B	
Ranges / Accuracy	1ns/div to 50s/div sequence 1-2-5 / 0.01%
Modes	Normal, roll, window, zoom in the window, XY
Time base B	Window area selection and zoom in the window
12 VOLTAGE MEASUREMENTS	
	Vmin Vmax Vpp Vaver Vrms Vamp Vhi Vlo, Rise preshoot, Overshoot, Fall preshoot, Overshoot
8 TIME AUTO MEASUREMENTS	
	Freq, Period, Rise time, Fall time, Positive width, Negative width, Duty cycle
MEASUREMENTS CURSORS	
	V T f. 8 differents delay measurements
OTHERS FUNCTIONS	
FFT (Fast Fourier Transfert)	4 algorithms: Hanning,Blackman flattop rectangular with cursors measurement of : f f dB dB
AUTOSET	Adjust vertical VOLT/DIV, horizontal TIME/DIV, and trigger level automatically
Probe attenuation level	Attenuation factor adjustment: x1 X10 x100 x 1000
Save setup & waveform	up to 15 sets of measurement conditions & 15 sets of waveform
USB device	USB1.1 & 2.0 full speed compatible
SD card slot	Image (BMP) waveform data (CSV) and setup (SET)
AUTO COUNTER	6 digits accuracy 2% - signal source: all available trigger source except the video trigger mode
HELP KEY	Reminds the functions of the front keys
Menu	Multi-language Menu
OTHERS CHARACTERISTICS	
Calibrator	Square signal 2Vcc 1kHz - 100kHz
Color LCD screen	5,6" TFT type 234x320 dots (9x12cm) Adjustable brightness
Dimensions / Weight	310x142x140 mm / 2.5kg / transport handle
Mains	100 to 240 VAC
CEI	Class 1 CATIII 300V Pol2