

## Handheld Oscilloscope

500MSa/s, 200MHz, 2CH DSO; 6000 Count DMM.

# DSO1000 Series

### Feature

- 200/60MHz bandwidth with 2 channels;
- 500MSa/s, 250MSa/s real time sampling rate;
- 50GSa/s equivalent time sampling rate;
- 6,000 count DMM resolution with AC at 600V/10A and DC at 800V/10A;
- Large 5.7 inch TFT color LCD display;
- Multi-language support;
- 1000 waveforms save and record;
- Labview\VB\VC second design instance.



### Specification

	Model	DSO1060	DSO1200
Horizontal	Channel	2	2
	Bandwidth	60MHz	200MHz
	Rise Time	≤5.8ns	≤1.7ns
	Memory Depth (Sample Points)	32k at single channel, 16k at double channels	
	Real-time Sampling Rate	250MSa/s	500MSa/s
	Equivalent Sampling Rate	Equivalent max. sampling rate is 50GSa/s	
	Time Base Range	5ns/div~1000s/div	
	Time Base Precision	±50ppm	
Vertical	Input Impedance	Resistance: 1MΩ ; Capacitance: 15 pF	
	Input Sensitivity	10mV/div to 5V/div	
	Input Coupling	AC, DC and GND ( ground level indicator)	
	Vertical Resolution	8 bits	
	Maximum Input	400V (DC+AC Peak)	
Trigger	Source	CH1, CH2	
	Mode	Edge, Pulse Width, Alternative, Video	
X-Y Mode	X-Axis Input	Channel 1	
	Y-Axis Input	Channel 2	
	Phrase Shift	Max. 3 degree	
Cursors and Measurement	Voltage Measuremet	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot	
	Time Measuremet	Frequency,Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle	
	Delay Measuremet	Delay time from CH1 rising edge to CH2 rising edge	
		Delay time from CH1 falling edge to CH2 falling edge	
	Cursors Measuremet	Manual, Track, Auto Measure Modes	
	Waveform Signal Process	CH1+/- CH2, CH1xCH2, CH1/CH2, FFT, Invert	
Meter Mode	Storage	15 Waveforms and Setups	
	Maximum Resolution	6,000 Counts	
	DMM Testing Modes	Voltage, Current, Resistance, Capacitance, Diode & Continuity	
	Maximum Input Voltage	AC: 600V, DC: 800V	
	Maximum Input Current	AC: 10A, DC: 10A	
Display	Input Impedance	10 MΩ	
	TFT LCD Type	5.7 inch with LED backlight display	
	Display Resolution	240 (vertical) x 320 (horizontal) dots	
Interface	USB	USB host / device 2.0 full speed supported	
	Optional	RS232, LAN	
Power Source	Line Voltage Range	AC 100V ~ 240V, 50Hz ~ 60Hz	
	Battery Power (Installed)	6 hours (Li-ion Battery)	
Mechanics	Dimension	Length: 245mm Width: 163mm Height: 52mm	
	Weight	1.2KGS (exclusive of packing and accessories)	
	Accessories	2pcs probes, 2pcs multimeter probes, 1pc power cable, 1pc USB cable	
Other	GND Reference	Oscilloscope and Multimeter Independence	

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