

Hantek®

PC USB Digital Oscilloscope

DSO3062AL / DSO3062L



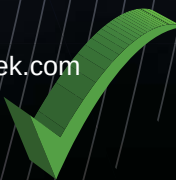
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Feature

* Excellent industrial design-

The same anodised aluminium casing as iPad, which is not only beautiful and tasteful but also greatly enhanced the hardness of aluminum alloy surface, and has good heat resistance and strong wearability.

* 5 in 1 multifunctional testing instrument:

Oscilloscope / Logic Analyzer / Arb. Waveform Generator / FFT Spectrum Analysis / Frequency Counter.

* 16M memory depth oscilloscope; 16 data input channels and 16M sample depth logic analyzer;

200MSa/s DDS arb. waveform generator; Plug and play USB 2.0 interface, LAN and WIFI option.

Hardware Specification

Model		DSO3062AL	DSO3062L
Oscilloscope Mode			
Vertical	Analog Channels	2	
	Bandwidth	60MHz (-3dB)	
	Rise Time	5.8ns	
	Input Impedance	Resistance: 1MΩ; Capacitance: 25 pF	
	Input Sensitivity	10mV/div to 5V/div	
	Input Coupling	AC/DC/GND	
	Vertical Resolution	8 bits	
	Maximum Input	400V (DC+AC Peak)	
Horizontal	Real-Time Sampling Rate	200MS/s	
	Memory Depth	16M/CH	
	Time Base Range	5ns/div to 1000s/div (1-2-5 sequences)	
	Time Base Precision	±50ppm	
X-Y Mode	Source	CH1, CH2, EXT	
	Mode	Edge, Pulse, Video, Alternative	
	X-Axis Input	CH1/CH2	
	Y-Axis Input	CH2/CH2	
	Phrase Shift	Max.3 degree	
Cursors and Measurement	Voltage Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot	
	Time Measurement	Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle	
	Cursors Measurement	Horizontal, Vertical, Track, Auto Measure	
	Waveform Signal Process	+,-, X,÷, FFT, Invert	
Auto Set		Yes	
Voltage Range		10mV to 5V/div @ x 1 probe	
		100mV to 50V/div @ x 10 probe	
		1V to 500V/div @ x 100 probe	
		10V to 5000V/div @ x 1000 probe	
		100V to 50000V/div @ x 10000 probe	
		200mV to 100V/div @ 20:1	
Current Range		CC65(20A), CC65(60A), CC650, CC1100	
Cursor		Time/frequency difference, voltage difference	
FFT		Rectangular, Hanning, Hamming, Blackman Window	
Math		Addition, subtraction, multiplication, division	



Model	DSO3062AL	DSO3062L
Arbitrary Waveform Generator Mode		
Waveform Frequency	DC~25MHz	Not Available
DAC	2K~200MHz adjustable	
Frequency Resolution	0.10%	
Channel	1CH waveform output	
Waveform Depth	4KSa	
Vertical Resolution	12bit	
Frequency Stability	<30ppm	
Wave Amplitude	±3.5V Max.	
Output Impedance	50Ω	
Output Current	50mA Ipeak=50mA	
System BW	25M	
Harmonic Distortion	-50dBc(1KHz), -40dBc(10KHz)	
Logic Analyzer Mode		
Channel	16	Not Available
Max. input impedance	200K (C=10p)	
Input Voltage range	-60V~60V	
Logic threshold range	-6~6V	
Max Sample Rate	100MHz	
Bandwidth	10MHz	
Compatiable input	TTL,LVTTL,CMOS,LVCOMS,ECL,PECL,EIA	
Storage depth	16M/CH	
Others		
Power Source	8--36V Wide range of input voltage	Not Available
Volume	255 x 190 x 45 (mm)	
Weight	1Kg	

Standard Accessories



Device



USB Cable



Probe



Test Hook



Test Cable



BNC Probe

Model	DSO3062AL	DSO3062L
USB Cable	1	1
Probe	2	2
Test Hook	1 set (18pcs)	1 set (18pcs)
Test Cable	1	1
BNC Probe	1	NO

