

DSO3000 Series (200MSa/s) USB Oscilloscope



Features

- 8--36V wide range of input voltage, suitable for vehicle power test.
- USB 2.0 interface, LAN optional.
- More than 20 kinds of automatic measurement function, PASS/FAIL Check function, is suitable for engineering application.
- Excellent industrial design, similar interface with bench oscilloscope. Easy to use.
- Software support: Windows NT, Windows 2000, Windows XO, VISTA, Windows 7.
- Supply DEMO code(VC, VB, LABIEW) and technical support.

Model	DSO3062AL	DSO3062L	DSO3062A	DSO3064A	DSO3064
Analog Channels	2	2	2	4	4
Arb. Waveform Generator	Yes	No	Yes	Yes	No
Logic Analyzer	Yes	Yes	No	No	No

Model	DSO3062AL	DSO3062L	DSO3062A	DSO3064A	DSO3064
VERTICAL					
Analog Channels	2	2	2	4	4
Bandwidth	60MHz	60MHz	60MHz	60MHz	60MHz
Rise Time	5.8ns	5.8ns	5.8ns	5.8ns	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				
Memory Depth	10K-16M/CH				
Maximum Input	400V (DC+AC Peak)				
HORIZONTAL					
Real-Time Sampling Rate	200MS/s	200MS/s	200MS/s	200MS/s	200MS/s
Time Base Range	5ns/div to 1000s/div(1-2-5 sequences)				
Time Base Precision	±50ppm				
TRIGGER					

Source	CH1, CH2,EXT,D0-D15	CH1, CH2,EXT	CH1, CH2,CH3,CH4,EXT	
Mode	Edge,Pulse,Video,Alternative			
Auto Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot, Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle			
Cursors Measurement	Cross, Trace, Horizontal, Vertical			
Waveform Signal Process	+,- , x,÷, FFT, Invert			
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			
FFT	Rectangular, Hanning, Hamming, Blackman Window			
Math	Addition, subtraction, multiplication, division			
Logic Analyzer				
High input impedance	200K(C=10p)	--	--	--
Input Voltage range	-60V~60V	--	--	--
Logic threshold range	-6~6V	--	--	--
Max Sample Rate	100MHz	--	--	--
Bandwidth	10MHz	--	--	--
Compatible input	TTL, LVTTTL, CMOS, LVCMOS,ECL, PECL, EIA	--	--	--
Storage depth	10K-16M/CH	--	--	--
Arbitrary Waveform Generator Mode				
Waveform Frequency	DC~25MHz	--	DC~25MHz	--
DAC	2K~200MHz adjustable	--	2K~200MHz adjustable	--
Frequency Resolution	0.10%	--	0.10%	--
Channel	1CH	--	1CH waveform output	--
Waveform Depth	4KSa	--	4KSa	--
Vertical Resolution	12 bit	--	12 bit	--
Frequency Stability	<30ppm	--	<30ppm	--
Wave Amplitude	±3.5V Max.	--	±3.5V Max.	--
Output Impedance	50 Ω	--	50 Ω	--
Output Current	50mA	--	50mA Ipeak=50mA	--
System BW	25M	--	25M	--
Harmonic Distortion	-50dBc(1KHz), -40dBc(10KHz)	--	-50dBc(1KHz), -40dBc(10KHz)	--
INTERFACE	USB 2.0 (Lan Optional)			
POWER SOURCE	8--36V Wide range of input voltage, suitable			
Volume	255 x 190 x 45 (mm)			
Weight	1Kg			