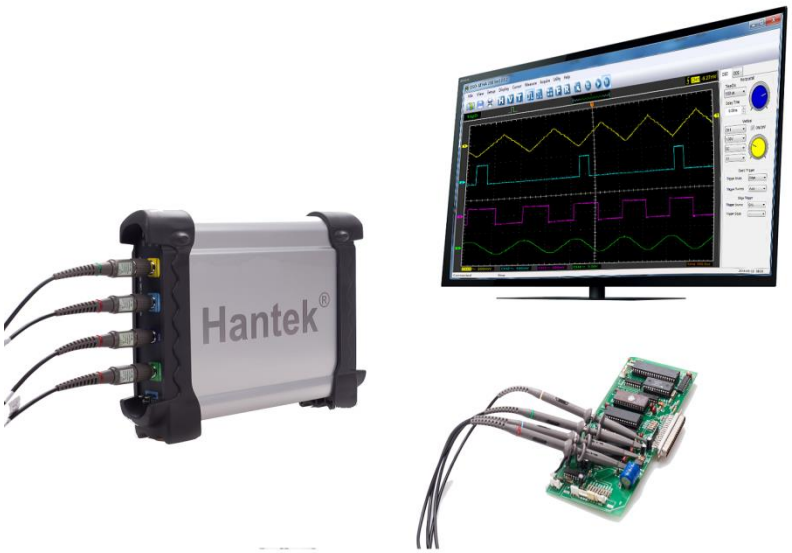
DSO3000(A) Series (1GSa/s) USB Oscilloscope



Feature:

- 4CH Oscilloscope + 16CH Logic Analyzer + 1CH Function/Arb. Waveform Generator + 16 Bits Word Generator + 1CH EXT Trigger.
- 128M memory depth, save maximum 128M sampling points, accurately display sampling signal.
- Support PoE module, support power supply remotely and communication. (optional)
- Its performance can compete benchtop oscilloscope's, 4 independent analog channels, 1GSa/s high-speed real-time sampling rate, 1mV-10V/DIV high input sensitivity, 250MHz high bandwidth.
- Function/Arb. waveform generator: 200MSa/s DDS, 12 bits vertical resolution, build-in various standard waveforms, arbitrary waveform which is convenient to edit and show irregular signals like transducer.
- PASS/FAIL test, rich trigger function, dynamic cursor tracking, similar interface with bench oscilloscope, easy to use. High cost performance.
- Continuous waveform recording and replay function (200Hz recording bandwidth);
- 1 GSa/s sampling rate.
- 12-36V wide range input power.
- Good mechanical design with small size which is easy for carrying. The outer case is made by the same material with iPad - Anodised aluminium. It has great heat resistance and abrasive resistance with beautiful appearance. The hardness of aluminium alloy surface is greatly improved.
- More fit for tablet PC, laptop PC, maintenance and adjustment of production line, convenient for travel.
- Software support: Windows10, Windows 8, Windows 7
- The waveform data could be output to EXCEL,BMP,JPG as time and voltage category.
- More than 20 kinds of automatic measurement function, PASS/FAIL Check function, fit for engineering application.
- Waveform averaging, afterglow, lightness control, reverse, add, subtract, multiply, divide, X-Y display.
- FFT spectrum analyzer
- One computer could connect with multiple oscilloscopes, expand the channel number easily.
- Provide secondary development library DLL; Provide Labview\VB\VC developing examples.

Model	DSO3104	DSO3104A	DSO3204	DSO3204A	DSO3254	DSO3254A
VERTICAL						
Analog Channels	4					
Bandwidth	100MHz	100MHz	200MHz	200MHz	250MHz	250MHz
Rise Time	3.5ns	3.5ns	1.7ns	1.7ns	1.4ns	1.4ns
Input Impedance	Resistance: 1MΩ; Capacitance: 25 pF					

Input Sensitivity	1mV/div to 10V/div					
Input Coupling	AC/DC/GND					
Vertical Resolution	8 bits					
Memory Depth	1.6K-128M/CH					
Max. Input Voltage	400V (DC+AC Peak)					
HORIZONTAL						
Real-Time Sampling Rate	1GSa/s					
Time Base Range	2ns/div to 1000s/div					
Time Base Precision	±50ppm					
TRIGGER						
Source	CH1, CH2,CH3,CH4,EXT,EXT/10					
Mode	Edge, Pulse, Video, Slope, Timeout					
Type	Signal, Auto, Normal					
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	Horizontal ,Vertical,Cross					
Waveform Signal Process	+,- , x,÷, FFT, Invert					
Voltage Range	1mV to 10V/div @ x 1 probe; 10mV to 100V/div @ x 10 probe;					
	100mV to 1KV/div @ x 100 probe; 1V to10KV/div @ x 1000 probe;					
FFT	Rectangular,Hanning,Hamming,Blackman Window					
Logic Analyzer						
Channels	--	16CH	--	16CH	--	16CH
Max. Input Impedance	--	200KΩ (C=10pF)	--	200KΩ (C=10pF)	--	200KΩ (C=10pF)
Max. Input Voltage	--	-60V~60V	--	-60V~60V	--	-60V~60V
Max. Sampling Rate	--	250MSa/s	--	250MSa/s	--	250MSa/s
Bandwidth	--	10MHz	--	10MHz	--	10MHz
Compatible Input	--	TTL,LVTTL CMOS,	--	TTL,LVTTL CMOS,	--	TTL,LVTTL CMOS,
	--	LVCMOS,ECL. PECL,EIA	--	LVCMOS,ECL PECL,EIA	--	LVCMOS,ECL PECL,EIA
Memory Depth	--	1.6K~64M	--	1.6K~64M	--	1.6K~64M
Function/Arb. Waveform Generator						
Waveform Frequency	--	DC~25MHz	--	DC~25MHz	--	DC~25MHz
DAC Clock	--	2K~200MHz adjustable	--	2K~200MHz adjustable	--	2K~200MHz adjustable
Frequency Resolution	--	0.10%	--	0.10%	--	0.10%
Channel	--	1CH	--	1CH	--	1CH
Waveform Length	--	4K	--	4K	--	4K
Vertical Resolution	--	12 Bits	--	12 Bits	--	12 Bits
Frequency Stability	--	<30ppm	--	<30ppm	--	<30ppm
Waveform Amplitude	--	±3.5V Max.	--	±3.5V Max.	--	±3.5V Max.
Output Impedance	--	50 Ω	--	50 Ω	--	50 Ω
Output current	--	50mA	--	50mA	--	50mA
Bandwidth	--	25M	--	25M	--	25M
Interface	USB 2.0					
Power Supply	8--36V Wide range of input voltage,suitable					
Size	255 x 190 x 45 (mm)					
Weight	1Kg