

DSO-2000 USB Oscilloscope



Characteristic

- USB2.0 interface, no external power source required, easy to use.
- be suitable for notebook computer, product line maintenance, be used easily on business.
- Dimensions (mm):190(L) x100(W) x35(H), be carried easily.
- High performance, 250MS/s real-time sampling,100MHz Bandwidth.
- Operating System: Windows7,Windows Me, Windows NT, Windows 2000, Windows XP ,VISTA
- 23 measurement functions, PASS/FAIL Check, be suitable for technical application.
- Waveform average, persistence, intensity, invert, addition, subtraction, multiplication, division, X-Y plot.
- Save waveform in the following: text file, jpg/bmp graphic file, MS excel/word file.
- FFT
- One computer can connect many DSO, extend channel easily.
- Labview\VB\VC\Delphi\C++Builder Second Design instance.
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Hardware Specification

Model :	DSO-2250	DSO-2150	DSO-2090
Channel	2 Channels		
Bandwidth	100Mhz	60Mhz	40Mhz
Max. Sample rate	250MS/s	150MS/s	100MS/s
Impedance	1M Ω 25pF		
Coupling	AC/DC/GND		
Vertical resolution	8Bit		
Gain range	10mV-5V, 9Steps		
DC accuracy	\pm 3%		
Timebase range	4ns-1h, 38 Steps		
Vertical adjustable	Yes		
Input protection	Diode clamping		
X-Y	Yes		
Autoset	Yes (30Hz to 100MHz)	Yes (30Hz to 60MHz)	Yes (30Hz to 40MHz)
EXT. input	Yes		

Trigger Mode	Auto, Normal and Single		
Trigger Slope	+/-		
Trigger level adjustable	Yes		
Trigger Type	Rising edge, falling edge		
Trigger Source	CH1, CH2, EXT		
Pre/Post trigger	0-100%		
Buffer size	10K-512KB/Channel	10K-512KB/Channel	10K-32KB/Channel
Shot bandwidth	DC to 100MHz	DC to 100MHz	
Sampling selection	Yes		
Waveform Display	port/line, waveform average, persistence, intensity		
Network	Open/Close		
Vertical mode	CH1, CH2, Dual, ADD		
Cursor measurement	Yes		
Math	FFT, addition, subtraction, multiplication, division.		
Cursor	Frequency, Voltage		
Data Samples	10K-512K/Channel	10K-512K/Channel	10K-32KB/Channel
Accessories	S/W CD, probes, manual, USB cord		

Software:

Operating system: Windows 7, Windows Me, Windows NT, Windows 2000, Windows XP, VISTA

SecondDesign:

Supply DEMO code(VI, CVI, VB, LABVIEW) and technical support.