

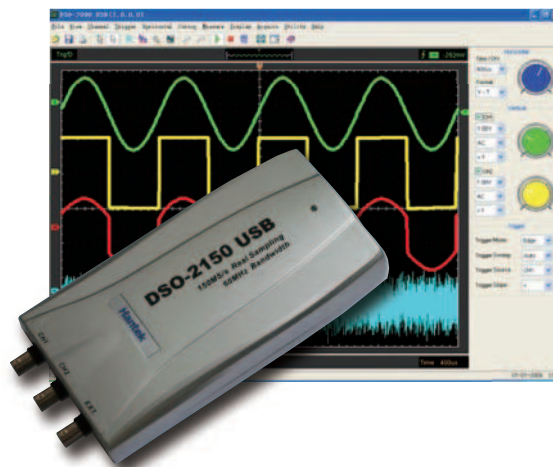
PC USB Digital Oscilloscope

200/100/60/40MHz, 2CH, USB 2.0, No External Power Required

DSO2000 Series

Feature

- 200/100/60/40MHz high bandwidth with 2 channels;
- 250MSa/s, 200MSa/s, 150MSa/s or 100MSa/s real time sampling rate;
- 50GSa/s equivalent time sampling rate;
- Multi-language support, easy to use;
- USB 2.0 interface, no external power required;
- 23 measurement functions, PASS/FAIL check, FFT.
- OS: Windows NT, Windows 2000, Windows XP, Windows 7;
- Labview\VB\VC SDK.



Specifications

	Model	DSO2090	DSO2150	DSO2250	DSO5200	DSO5200A
Horizontal	Channel	2	2	2	2	2
	Bandwidth	40MHz (-3dB)	60MHz (-3dB)	100MHz (-3dB)	200MHz (-3dB)	
	Rise Time	≤8.8ns	≤5.8ns	≤3.5ns	≤1.7ns	
	Real-time Sampling Rate	100MSa/s	150MSa/s	250MSa/s	200MSa/s	250MSa/s
	Equivalent Sampling Rate	50GSa/s				
	Time Base Range	4ns/div~1h/div (1-2-4 sequences)			2ns/div~1h/div (1-2-4 sequences)	
	Time Base Precision	±50ppm				
Vertical	Input Impedance	Resistance: 1MΩ ; Capacitance: 25 pF				
	Input Sensitivity	10mV/div to 5V/div			10mV/div to 10V/div	
	Input Coupling	AC, DC and GND (ground level indicator)				
	Vertical Resolution	8 bits			9 bits	
	Memory Depth (Sample Points)	10K-64K		10K-1M	10K-28K	10K-1M
Trigger	Maximum Input	300V (DC+AC Peak)				
	Source	CH1, CH2, EXT, EXT/10				
X-Y Mode	Mode	Edge, Alternative			Edge, Pulse Width, Alternative	
	X-Axis Input	Channel 1				
	Y-Axis Input	Channel 2				
Cursors and Measurement	Phase Shift	Max. 3 degree				
	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 Modes				
	Waveform Signal Process	.+, -, ×, ÷, FFT, Invert				
Others	Auto Set	yes				
	Voltage Range	10mV to 5V/div @ x 1 probe			10mV to 10V/div @ x 1 probe	
		100mV to 50V/div @ x 10 probe			100mV to 100V/div @ x 10 probe	
		1V to 500V/div @ x 100 probe			1V to 1000V/div @ x 100 probe	
		10V to 5000V/div @ x 1000 probe			10V to 10000V/div @ x 1000 probe	
	Cursor	Time/frequency difference, voltage difference				
	FFT	Rectangular, hanning, hamming, blackman Window				
Math	Addition, subtraction, multiplication, division					
Mechanics	Interface	USB2.0				
	Power Source	No external power, bus-powered from USB				
	Dimension	Length: 190mm Width: 100mm Height: 35mm				
	Weight	0.29KGS (exclusive of packing and accessories)				
	Accessories	2pcs probes, 1pc 2-plugs USB cable				

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