

USB Digital Storage Oscilloscope

Model: DSO-2250

Features:

- USB PORT for power and data, No Power Cord Needed
- Suitable for Notebook PC
- Calibration. Signal output: 1kHz, VP-P: 2V
- Two Channels
- Waveform can be exported into Excel with voltage and time scales.
- Spectrum Analyzer function
- FFT function
- Plastic shell, small size, light weight and low power consumption



Specifications:

INPUT	Max. sample rate	Realtime sampling: 250MS/s using 1 channel, 125MS/s using 2 channels.
	Bandwidth	100MHz analog bandwidth
	Buffer size	32K samples
	Channels	2
	Vertical Resolution	8 bits/channel
	Gain Range	- 10mV ~ 5V/div @ x1 probe (10mV, 20mV, 50mV, 100mV, 200mV, 500mV, 1V, 2V, 5V/div 1, 2, 5 seq) - 100mV ~ 50V/div @ x10 probe - 1V ~ 500V/div @ x100 probe - 10V ~ 5000V/div @ x1000 probe
	Range	8 divisions
	Offset Level	+/-4 divisions
	Coupling	AC, DC, GND
	DC Accuracy	+/-3%
	Impedance	1M ohm
	Offset Increments	0.02 div
	Input protection	35V pk (DC + peak AC < 10 kHz, without external attenuation)
TIMEBASE	Display mode	Y-T, X-Y
	Timebase Range	4ns/div ~ 1h/div (4ns, 10ns, 20ns, 40ns, 100ns, 200ns, 400ns, 1us, 2us, 4us, 20us, 40us, 100us, 200us, 400us, 1ms, 2ms, 4ms, 10ms, 20ms, 40ms, 100ms, 200ms, 400ms, 1s, 2s, 4s, 10s, 20s, 40s, 10m, 20m, 40m, 1h/div 1-2-4 sequence)
	Acquisition Mode	Real-time sampling: 4ns/div ~ 400ms/div, Roll Mode: 1s/div ~ 1h/div
	Range	10 divisions
TRIGGER	Buffer Size	10K ~ 512K samples
	Mode	Auto, Normal and Single
	Type	Edge Trigger: Rising Edge, Falling Edge
	Autoset	Yes
	Range	10 Divisions
	Trigger Level	+/-4 divisions
MATH	Stability	0.02 div increments
	Measurements	V_{p-p} , V_{max} , V_{min} , V_{mean} , V_{rms} , V_{amp} , V_{high} , V_{low} , +ve overshoot, -ve overshoot, cycle mean, cycle rms, period, freq, +ve & -ve pulse width, rise time (10% ~ 90%), fall time(10% ~ 90%), +ve & -ve duty cycle
	Cursor	Time/frequency difference, voltage difference (Frequency only in FFT mode)
	Math	Addition, subtraction, multiplication, division
	FFT	Rectangular, Hanning, Hamming, Blackman Window
Power	Interface	Universal Serial Bus(USB2.0)
	Dimensions	No external power source required
		187mm x 100mm x 33mm