

EZ Scope

- **2 IN 1 !** Powerful PC based digital Oscilloscope plus Arbitrary Function Generator at affordable Price.
- USB2.0 connection with Windows XP and Vista compatibility.
- User-friendly Software Package featuring dual channel FFT.



Oscilloscope



Very Powerfull and easy to use software package included



Measurements and FFT software capabilities

Max Sample Rate
Number Of Channels
Max Input Voltage at BNC Connector
Input Impedance
Probe

Supported Probe Attenuation
VOLTS/DIV Range
(full scale=8 divisions)

Vertical Resolution
Vertical Range
Acquisition mode
Bandwidth
Offset Range
Coupling
Offset Resolution
DC Accuracy
A/D
Memory Buffer Size

Time Base
Accuracy
Resolution
Channel Skew
Trigger
Type
Mode
Range
Trigger Level
Resolution

100 MS/s On Each Channel
Two

200 VRMS CAT I
1 M Ω // 15 pF
60 MHz Oscilloscope Test Probe, 1x - 10x Switchable,
Two Probes included
1x, 10x, 100x, 1000x

Probe	Voltage per division	Full scale voltage
1x	0.01 to 2 V/Div	0.08 to 16 V
10x	0.1 to 20 V/Div	0.8 to 160 V
100x	1 to 200 V/Div	8 to 1600 V
1000x	10 to 2000 V/Div	80 to 16000 V

8 Bits/Channel

8 Divisions

Sample, PeakDetect, Average

40 MHz

\pm 4 Divisions

AC, DC (GND for calibration purpose only)

0.002 Division Increments

\pm 2%

Dual 8 bit, 100MSPS each

4 K points/channel

[1 KBytes Pre trigger ,3 KBytes Post trigger]

+/- 0.01%

10 ns

< 1 ns

Edge trigger : Rising edge, Falling edge

Auto, Normal, and Single

8 Divisions

Adjustable Level

0.03125 Division Increments

Function generator

Waveforms

Frequency Characteristics

Output Characteristics

Output Impedance

Output Resolution

Offset Resolution

Duty Cycle

Duty Cycle Error

Waveform DAC resolution

Waveform memory length

Waveform DAC Sampling Rate

Sine ,Square ,Triangle ,saw Tooth ,Noise , Exponential Rise, Exponential Fall , Arbitrary

Sine 0.1 Hz - 5 MHz

Square 0.1 Hz - 5 MHz

Triangle 0.1 Hz - 100 KHz

Ramp 0.1 Hz - 100 KHz

Resolution 0.1 Hz

Amplitude (into 50 Ω) 50 mVpp - 10 Vpp Vmax = 5 V

Amplitude (Open Circuit) 100 mVpp - 20 Vpp Vmax = 10 V

Accuracy (at 1 KHz) \pm 2% Of Specified Output

50 Ω

10 mV

10 mV

20% - 80% Step 1%

15%

12 bits

1024 samples 12 bits each

50 MHz



Oscilloscope and Function generator included in the same device



USB2 High speed Windows compatible

Software

OS
FFT

Measurements

Save Channel Data

Load Arbitrary Waveform

Windows XP, Vista , 7

View signals in frequency domain

Rectangular, Hanning, Hamming, Blackman, and other window types are supported

Frequency and amplitude user selectable axis limits and scale

Automated measurement of Frequency, Period, Duty Cycle, Peak-Peak, and RMS

Save both your captured waveforms in a comma separated values text file (.csv)

Load the arbitrary waveform from a file with csv format (comma separated values text file)