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## Overview

This USB PC based oscilloscope is one of the most versatile and widely-used electronic instruments. It is designed to analyze and display the spectrum of a repetitive event. This high performance 9-bit, two-channel 200 MHz USB PC based digital storage oscilloscope combines the functions of an oscilloscope, spectrum analyzer, waveform recorder, signal generator and multimeter. The USB oscilloscope operates at up to 200 MS/s real-time sampling. It is commonly used for the maintenance of electronic equipment and laboratory work in fields such as science, medicine, engineering and telecommunications.



## Features

- ✓ USB2.0 interface, no external power source required
- ✓ Suitable for use with a notebook computer
- ✓ Easy-to-carry and convenient to use
- ✓ High performance, 200 MS/s real-time sampling rate, 200 MHz Bandwidth
- ✓ 20 measurement functions, PASS/FAIL checks
- ✓ Displays waveform average, persistence, intensity, invert, addition, subtraction, multiplication, division, X-Y plot
- ✓ Waveform output can be saved to text, MS Word or Excel, or graphic files (JPG or BMP) under most Windows OS from 98 to Vista
- ✓ FFT spectrum analysis
- ✓ One computer can connect many DSOs, extend channel easily
- ✓ Lab view/VB/VC/Delphi/C++Builder Second Design instance

## Technical Specifications

Channel	2 Channels
Bandwidth	200 MHz
Max. Sample Rate	200 MS/s
Impedance	1 MΩ 25 pF
Coupling	AC/DC/GND
Vertical Resolution	9 bit
Gain Range	10 mV to 10 V, 10 Steps
DC Accuracy	±3%
Time-base Range	2 ns to 1 h, 39 Steps
Vertical adjustable	Yes
Input Protection	Diode clamping
X-Y	Yes
Auto-set	Yes (30 Hz to 200 MHz)
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 to 100%
Buffer Size	10 k to 14 kb/channel
Shot Bandwidth	80 MHz
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	10 k to 28 k
Accessories	S/W CD, probes, manual, USB cord



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