

Pen-Type Storage Oscilloscope

Part Nos. 01OS23310E and 01OS23310D

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FEATURES

Your Wittig osziFOX V5.0 for Windows 3.X/Windows 95/DOS is a micro-processor-controlled oscilloscope and digital voltmeter housed in a small probe with a backlit mini liquid Crystal Display (LCD). All oscilloscope parameters are menu-driven and selected by pressing one of two push buttons. You can quickly and single-handedly set all parameters while looking at the point of measurement, the probe's controls, and the display. This eliminates the need for any head movement, making the osziFOX the easiest-to-use measurement tool available.

THE OSZIFOX INCLUDES THESE FEATURES:

Ten Selectable Sampling Rates - lets you display signals in a wide variety of waveforms, from a small fraction of a waveform to multiple waveforms of the measured signal.

Multiple Trigger Sources - lets you select whether the oscilloscope starts a measurement using an internal or an external trigger.

Six Selectable Trigger Levels - lets you select both rising and falling signal events at different levels.

Selectable Input Voltage Ranges - lets you select the range of the measured signal for the most accurate readings.

Selectable Input Coupling - lets you select whether the signal to be measured is DC or AC coupled to the scope, and provides a zero reference for zero adjustment.

Signal Ground Line - lets you easily reference the incoming signal.

Trigger Jack - lets you connect an external trigger source.

Multiple Input Power Sources - lets you connect 9VDC-15VDC external power from a battery using the supplied power cable with alligator clips, or an optional AC adapter.

Liquid Crystal Display (LCD) - displays the recorded signal.

Software Interface - lets you use your computer to display and record measurements.

To use this osziFOX's software with Microsoft Windows, the computer must have at least:

- 80386 CPU
- 400K of available hard disk storage space
- Windows 3.1 or later

To use this osziFOX's software with MS-DOS, the computer must have at least:

- 800K of available hard disk storage space
- DOS Version 3.3 or later

Selectable Display Colors - lets you change the oscilloscope display colors for easier viewing of dual signals when using a computer monitor.



SPECIFICATIONS

Sampling Rates 50,100 ns, .5, 1.5,10, 50 μ s, .1, .5, 1ms and 2ms

Max. Sampling Rate 20MSa/s

DC Band Width DC - 5 Mhz

AC Band Width 100 Hz - 5 Mhz

AID Converter 6-Bit resolution

RAM 128 Bytes

Input Coupling AC, DC, or GND (Ground)

Input Voltage Ranges 1V, 10V, 100V

Note: All voltages measurements are referenced to OV ground. The effective ranges for AC volt measurements in DVM mode are 0.33V, 3.3V and 33V since the peak-to-peak voltage must be digitized and converted to the RMS value.

Trigger Definitions Free Run, +/--Internal, +/--External

Trigger Levels Six selectable levels

Note: Level tolerances are dependent on the selected input voltage range: 1V +/-0.1 V, 10V +/-3V, 100V +/-10V

Trigger Modes Continuous RUN/SINGLE Cycle

Display 16x64 dots resolution, LED backlighted

Serial Line 19.200 kBaud 7 Data Bits, 1 Stop Bit, No Parity

DVM Accuracy +/-2 to +/-5% (depending on the parameter settings)

Power Supply 9 - 15 V DC red (+) and black (-) alligator clips

Current Required Backlight Off = 12 mA Typical, Backlight On = 85 mA Typical

Dimensions (HWD) (165 x 33x19mm)

Weight About 100 g

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Warranty 3 years - does not cover transportation cost