

National Instruments LabVIEW SignalExpress Tektronix Edition Software

Seamless Instrument-to-PC Connectivity Solution



NI LabVIEW SignalExpress TE provides fully interactive measurement acquisition and analysis software for your Tektronix instrument.

- Enables true USB plug-and-play connectivity for the MSO4000, DPO4000, DPO3000, TDS2000B and TDS1000B Series oscilloscopes and AFG3000 Series Arbitrary/Function Generators
Includes LAN support for the MSO4000, DPO4000, DPO3000, TDS3000C, and AFG3000 Series.
Includes GPIB support for the MSO4000, DPO4000, DPO3000, TDS3000C, TDS2000B, TDS1000B, and AFG3000 Series.
- Get to measurements quickly with an intuitive drag-and-drop interface that does not require any programming
- Measurement trending
- Data logging
- Advanced analysis and documentation capabilities
- Connect and control multiple instruments from within one software environment



Install NI LabVIEW
SignalExpress Tektronix Edition



Attach a USB cable to your MSO4000, DPO4000, DPO3000, TDS2000B or TDS1000B and PC



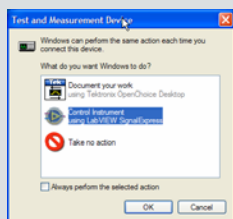
Get to work with live data
acquisition and instrument control

NI LabVIEW SignalExpress Tektronix Edition LE

Comes standard with the MSO4000, DPO4000, DPO3000, TDS3000C, TDS2000B and TDS1000B Series oscilloscopes.

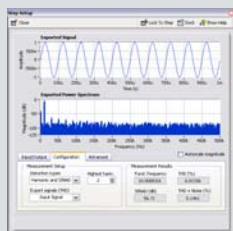
SIGEXPTE

Adds extended capabilities, including advanced analysis, signal processing, automated sweeping and limit testing, and more!



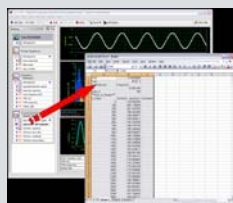
Automatic Instrument Detection

Tektronix MSO4000, DPO4000, DPO3000, TDS2000B, TDS1000B, and AFG3000 Series instruments connected over USB are instantly detected by Microsoft Windows.



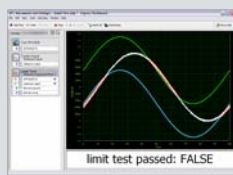
Live Signal Processing and Analysis

More than 200 built-in functions, including time and frequency domain analysis, greatly reduce the need to perform tedious, off-line analysis.



Save and Document Measurements

Print waveforms, save measurements to file, or simply drag the signal data to Microsoft Excel, Word, or WordPad.



Limit Testing

Use the Limit Test step to determine a pass or fail status based on predefined guard bands or custom waveform limits.

Features

	NI LabVIEW SignalExpress TE LE	SIGEXPTE
Instrument Control	✓	✓
Customizable Graphs and Interactive Cursors	✓	✓
Tektronix Instrument Series Supported via USB	MSO4000, DPO4000, DPO3000, TDS2000B, TDS1000B, AFG3000	
Support for Hundreds of Common Benchtop Instruments	✓	✓
pSpice, SPICE File Conversion from EDA Tools	--	✓
Save Signals to File	✓	✓
Drag and Drop Data into Microsoft Excel and Word	✓	✓
Advanced Analysis	--	<ul style="list-style-type: none"> ▪ Amplitude and Level ▪ Timing and Transition ▪ Histograms ▪ Power Spectrum ▪ Frequency Response ▪ Distortion ▪ Tone Extraction
Signal Processing	--	<ul style="list-style-type: none"> ▪ Software Filtering ▪ Scalar/Waveform Math ▪ Analog/Digital Conversion ▪ Windowing ▪ Scaling and Conversion
Automated Sweeping and Limit Testing	--	✓
NI LabVIEW Integration	--	✓
Logging to Disk	Basic	Advanced
Interactive Reporting	--	✓
Measurement Trending	✓	✓
Price	Included with MSO4000, DPO4000, DPO3000, TDS3000C, TDS2000B, and TDS1000B	\$699 USMSRP

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