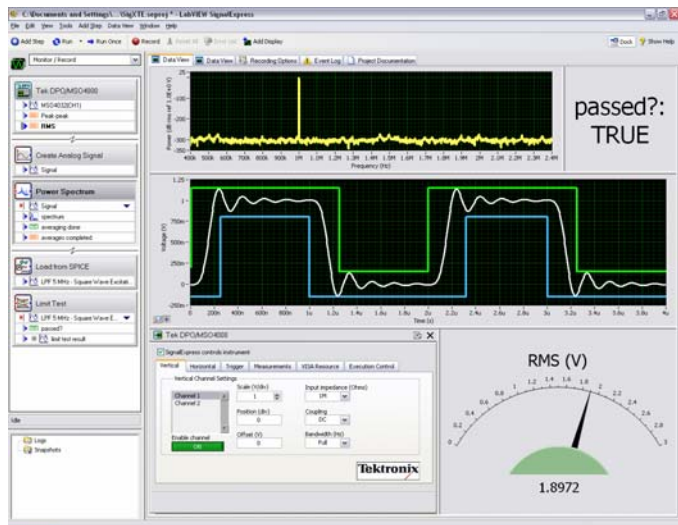# Tektronix Edition of National Instruments LabVIEW SignalExpress™

Seamless Instrument-to-PC Connectivity Solution

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

- Enables USB connectivity for the MSO/DPO4000, MSO/DPO3000, MSO/DPO2000, TDS2000B and TDS1000B Series oscilloscopes, AFG3000 Series arbitrary/function generators, DMM4000 Series multimeters, DMM4000 Series digital multimeters, PWS4000 Series power supplies and FCA/MCA Series timer/counters.

  Includes LAN support for the MSO/DPO4000, MSO/DPO3000, MSO/DPO2000, TDS3000C, AFG3000, and DMM4050/40 Series.

  Includes GPIB support for the MSO/DPO4000, MSO/DPO3000, MSO/DPO2000, TDS3000C, TDS2000B, TDS1000B, AFG3000 Series and FCA/MCA 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
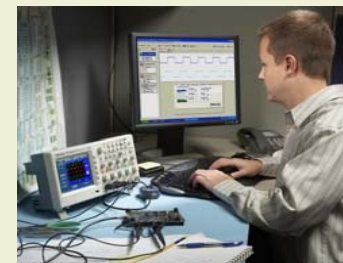

Install Tektronix Edition of National Instruments LabVIEW SignalExpress™
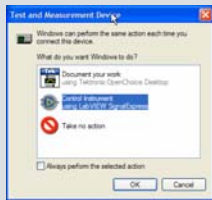
Attach a USB cable to your instrument.

Get to work with live data acquisition and instrument control

Tektronix

Tektronix Edition NI LabVIEW SignalExpress™
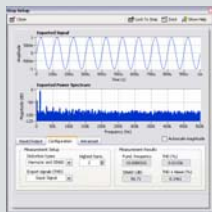Comes standard with Tektronix Bench Instruments.

SIGEXPTE
Adds extended capabilities, including advanced analysis, signal processing, automated sweeping and limit testing, and more!
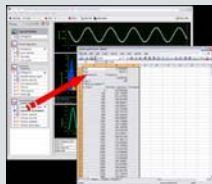
Automatic Instrument Detection
Tektronix MSO/DPO4000, MSO/DPO3000, MSO/DPO2000, TDS2000B, TDS1000B, AFG3000, PWS4000 and FCA/MCA Series instruments connected over USB are instantly detected by Microsoft Windows.

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. (Available with SIGEXPTE)

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. (Available with SIGEXPTE)

Features	NI LabVIEW SignalExpress TE LE	SIGEXPTE
Instrument Control	✓	✓
Customizable Graphs and Interactive Cursors	✓	✓
Tektronix Instrument Series Supported via USB	MSO/DPO4000, MSO/DPO3000, MSO/DPO2000, TDS2000B, TDS1000B, AFG3000, DMM40000, PWS4000, FCA/MCA	
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	--	• Amplitude and Level • Timing and Transition • Histograms • Power Spectrum • Frequency Response • Distortion • Tone Extraction
Signal Processing	--	• 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: MSO/DPO4000, MSO/DPO3000, MSO/DPO2000, TDS3000C, TDS2000B, TDS1000B, DMM4000, PWS4000, FCA3000/3100 and MCA3000	$749 USMSRP

www.tektronix.com/ni/signalexpress

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