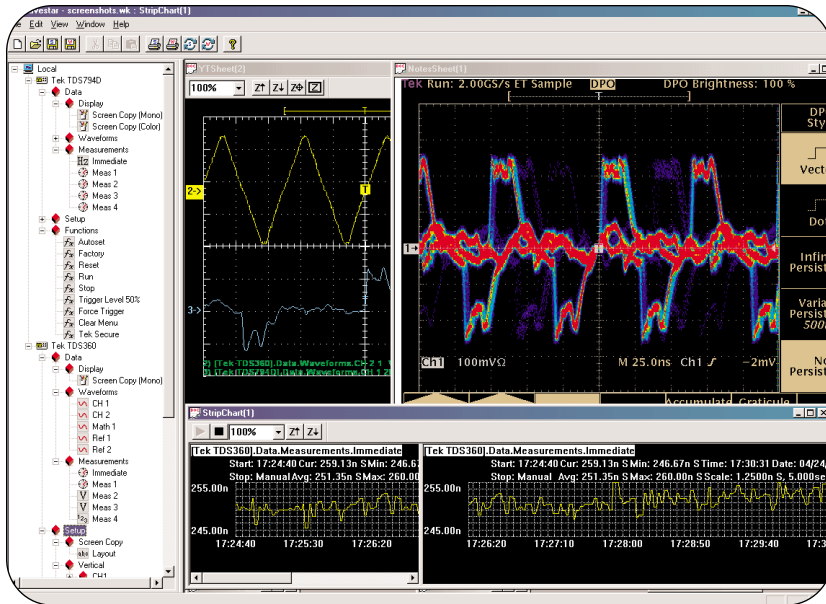


WaveStar™ Software Family

► WSTRO



Software to Capture, Analyze, Document and Control Data

WaveStar Software is a family of Microsoft Windows 98/2000/NT 4.0 applications bringing either Tektronix TDS/THS/11800/CSA803 oscilloscopes measurement information to your PC desktop.

Capture

Set up communication to instruments through the WaveStar Instrument Manager. The Explorer View displays these instruments and reveals their corresponding properties. To capture measurements, select a property, click, drag and drop into an active application sheet and begin analysis at your PC.

Analyze

Use up to twelve data sheets for analysis:

Graticule Sheets – Capture waveforms in YT or XY mode. Graphically view or edit multiple waveforms and masks on a graticule, with the same scale and position as the oscilloscope. Includes cursor measurements, horizontal and vertical gates, zoom function and annotation.

Instrument Explorer Sheet – Move and manipulate files to and from the PC or other instruments, add/delete directories, format drives and more.

Stripchart Sheet – Automatically plots multiple waveform measurements, such as risetime data, in a classic stripchart fashion. Sheet features cursor measurements, alarm control and annotation capabilities.

Tabular Sheets – Capture, store, display and edit either waveform or data log information as a table of numbers on corresponding sheets. The Scalar Viewer Sheet displays measurements from the oscilloscope.

Measurement Sheet – Calculate frequency, pulse width, rise/fall time, duty cycle, overshoot, peak to peak, amplitude, min, max, mean, cycle mean and RMS measurements.

Harmonic Analysis Sheet – Produce power waveforms from current and voltage and calculate up to 51 harmonics.

Notes Sheet – Prepare simple reports; capture and save instrument hard copy; save, edit and restore instrument setups.

► Features & Benefits

Capture Measurement Waveforms and Data Easily Without Programming

Create, Edit and Transfer Telecommunication Masks

Access, Organize, Move and Manipulate Instrument Files

Data Log Measurements from a Single or Multiple Instruments

Perform Harmonic Analysis on Power Waveforms

Control Instrument Settings and Measurements Remotely from the PC

WaveStar Reader Application Included for Information Sharing

30-day WSTRO Product Demo Available on Web

► Applications

Telecommunications

Digital Design

Research and Development

Manufacturing Test

Service

Education

WaveStar™ Software Family

► WSTRO

► Table 1. Tektronix Supported Instruments

| Series* ¹ | GPIO/RS-232 | Restore* ² | Settings* ² | Picture* ² |
|--|-------------|-----------------------|------------------------|-----------------------|
| TDS200/300/1000/2000/3000/ CSA800/CSA8000/11800 | Both | Yes | Yes | Yes |
| TDS400/500/600/700/800/5000/ 6000/7000/8000/CSA7000 | GPIO | Yes | Yes | Yes |
| THS700 | RS-232 | Yes | Yes | Yes |

*¹ Includes the newest TDS DPO oscilloscopes, as well as legacy series in each family.

*² Restore waveforms, acquire/restore settings, acquire picture. WaveStar Software acquires waveforms from ALL instruments listed above.

Document

Quickly and simply insert information into Microsoft Office applications, such as Excel, Word or PowerPoint. Transfer information into Microsoft Windows applications, such as MathCad, through the MS Windows clipboard.

► Characteristics

Software Compatibility

Instrument Interface Support – GPIO or RS-232 interfaces with full talk-listen modes.

Windows Clipboard – Drag and drop to compatible Microsoft Office applications or copy/paste through Windows clipboard.

Printer Plotter Support – Uses standard Microsoft Windows printer drivers.

Waveform Export Format – Microsoft Excel 6.0 compatible.

Computer Configuration Required –

Type: IBM PC-compatible.
Operating System: Windows 98/2000 or Windows NT 4.0.
CD-ROM Drive: 4X or better.
Monitor: Super VGA.

Recommended –

Processor: Pentium, 100 MHz.
RAM: 16 MB.
Instrument Interface Card: GPIO: National Instruments. IEEE-488 Interface Card.
RS-232: One free RS-232 port.
Ethernet 10Base-T Interface Card: Inquire about Tektronix AD007, GPIO-LAN Adapter.

► Ordering Information

WSTRO

WaveStar Software for oscilloscopes, Microsoft Windows 98/2000/NT 4.0 version.

Includes: CD-ROM, manual (071-0220-XX).

Also Available

WSTROU

WaveStar 3.1 (WSTR31) upgrade to WaveStar for Oscilloscopes, Win 98/2000/NT 4.0 version.

Includes: CD-ROM, manual (071-0220-XX).

Contact Tektronix:

ASEAN Countries & Pakistan (65) 6356 3900

Australia & New Zealand (65) 6356 3900

Austria +43 2236 8092 262

Belgium +32 (2) 715 89 70

Brazil & South America 55 (11) 3741-8360

Canada 1 (800) 661-5625

Central Europe & Greece +43 2236 8092 301

Denmark +45 44 850 700

Finland +358 (9) 4783 400

France & North Africa +33 (0) 1 69 86 80 34

Germany +49 (221) 94 77 400

Hong Kong (852) 2585-6688

India (91) 80-2275577

Italy +39 (02) 25086 1

Japan (Sony/Tektronix Corporation) 81 (3) 3448-3111

Mexico, Central America & Caribbean 52 (55) 56666-333

The Netherlands +31 (0) 23 569 5555

Norway +47 22 07 07 00

People's Republic of China 86 (10) 6235 1230

Poland +48 (0) 22 521 53 40

Republic of Korea 82 (2) 528-5299

Russia, CIS & The Baltics +358 (9) 4783 400

South Africa +27 11 254 8360

Spain +34 (91) 372 6055

Sweden +46 8 477 6503/4

Taiwan 886 (2) 2722-9622

United Kingdom & Eire +44 (0) 1344 392400

USA 1 (800) 426-2200

For other areas contact Tektronix, Inc. at: 1 (503) 627-7111

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CE marking not applicable. 

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