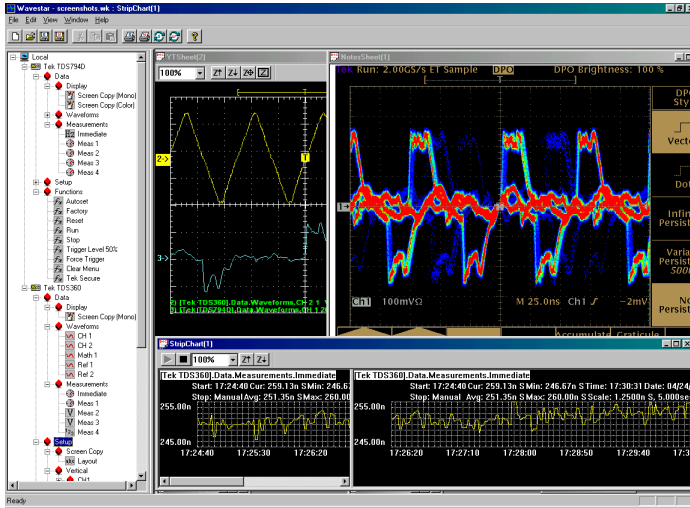


# WaveStar™ Software for Oscilloscopes

## WSTRO Data Sheet



## 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 Single or Multiple Instruments
- Perform Harmonic Analysis on Power Waveforms
- Control Instrument Settings and Measurements Remotely from the PC
- Works on Tektronix Open Windows Oscilloscopes
- WaveStar Reader Application Included for Information Sharing
- WaveStar Product Available at: [www.tektronix.com](http://www.tektronix.com)

## Applications

- Telecommunications
- Digital Design
- Research and Development
- Manufacturing Test
- Service
- Education

## Software to Capture, Analyze, Document, and Control Data

WaveStar for Oscilloscopes is a Microsoft Windows application bringing measurement information to your Windows 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.

### 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 MS Windows desktop or other instruments, add/delete directories, format drives, and more.

**Stripchart Sheet** – Automatically plots multiple waveform measurements, such as rise time 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.

### Document

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

### Characteristics

#### Software Compatibility

**Instrument Interface Support** – GPIB, LAN, 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 98SE/ME/2000/XP Pro or Windows NT 4.0, SP6+.

CD-ROM Drive: 4x or better.

Monitor: Super VGA.

##### Recommended –

Processor: Pentium, 500 MHz.

RAM: 128 MB.

Instrument Interface Card:

GPIB: National Instruments or CEC IEEE-488 Interface Card.

RS-232: One free RS-232 port.

Ethernet Interface Card: Inquire about Tektronix AD007, GPIB-LAN Adapter, TekVISA on Tektronix Open Windows Oscilloscopes.

#### Supported Instruments

CSA7000B/8000B

DPO7000

DPO/DSA/MSO70000

TDS200/400/500/600/700/1000/2000/3000B/5000/6000/7000B/8000B

THS700

#### Ordering Information

##### WSTRO

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

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



**Contact Tektronix:**

**ASEAN / Australasia** (65) 6356 3900  
**Austria** 00800 2255 4835\*  
**Balkans, Israel, South Africa and other ISE Countries** +41 52 675 3777  
**Belgium** 00800 2255 4835\*  
**Brazil** +55 (11) 3759 7627  
**Canada** 1 800 833 9200  
**Central East Europe and the Baltics** +41 52 675 3777  
**Central Europe & Greece** +41 52 675 3777  
**Denmark** +45 80 88 1401  
**Finland** +41 52 675 3777  
**France** 00800 2255 4835\*  
**Germany** 00800 2255 4835\*  
**Hong Kong** 400 820 5835  
**India** 000 800 650 1835  
**Italy** 00800 2255 4835\*  
**Japan** 81 (3) 6714 3010  
**Luxembourg** +41 52 675 3777  
**Mexico, Central/South America & Caribbean** 52 (55) 56 04 50 90  
**Middle East, Asia, and North Africa** +41 52 675 3777  
**The Netherlands** 00800 2255 4835\*  
**Norway** 800 16098  
**People's Republic of China** 400 820 5835  
**Poland** +41 52 675 3777  
**Portugal** 80 08 12370  
**Republic of Korea** 001 800 8255 2835  
**Russia & CIS** +7 (495) 7484900  
**South Africa** +41 52 675 3777  
**Spain** 00800 2255 4835\*  
**Sweden** 00800 2255 4835\*  
**Switzerland** 00800 2255 4835\*  
**Taiwan** 886 (2) 2722 9622  
**United Kingdom & Ireland** 00800 2255 4835\*  
**USA** 1 800 833 9200

\* European toll-free number. If not accessible, call: +41 52 675 3777

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**For Further Information.** Tektronix maintains a comprehensive, constantly expanding collection of application notes, technical briefs and other resources to help engineers working on the cutting edge of technology. Please visit [www.tektronix.com](http://www.tektronix.com)



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