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# Tektronix Packages Powerful Video And Audio Monitoring Into Innovative Single Rack Unit

Rasterizer Provides Effortless Analog And Standard Definition Waveform Measurements To Television Operators And Editors

BEAVERTON, Ore., February 10, 2003 – Tektronix, Inc. (NYSE: TEK), the market leader in video test, measurement, and monitoring, today announced a simple-to-use, feature-rich video and audio confidence monitoring system for television and video professionals.

With rack and desk space at an increasing premium in broadcast and production facilities, many video professionals require test and measurement systems that provide robust information to the user within a physically small chassis and with flexible display capabilities. The new Tektronix WVR600 Series Rasterizer is a flexible, one rack unit video and audio confidence monitor with high-resolution (1024 x 786) output to external displays that enables users to maximize space within their facility, while maintaining proven Tektronix-quality measurements. The WVR600 Series also responds to industry requirements for an instrument that monitors both analog and digital video signals in an advanced, easy-to-use, all-digital architecture. This is accomplished by incorporating several innovative configurations including two standard definition SDI inputs and two composite inputs as well as options for analog audio, digital AES/EBU audio (including embedded), or both. The WVR600 also incorporates Tektronix' new FlexVu<sup>TM</sup> display multi-screen viewing feature, enabling users to view four waveforms simultaneously.

"We've listened to our customers as their confidence and artistic monitoring requirements have evolved with the transition from analog to digital broadcast. The result incorporates features and video measurement solutions synonymous with Tektronix into a sleek new form factor with an easy to use interface and advanced monitoring tools," said Todd Biddle, General Manager, Video Product Line, Tektronix. "The WVR600 Series, designed for professionals who must monitor analog and digital video and audio signals, leverages Tektronix' measurement leadership and quality in a value-priced package."

# Confidence Monitoring Flexibility And Value

The WVR600 Series, with a user-configurable, flexible, high resolution display, establishes a new benchmark for value in confidence and artistic monitoring applications within analog, digital, and hybrid facilities. The WVR600 Series offers users full support for traditional waveform display, both overlay and parade; vector display, both traditional and Lightning; gamut monitoring including Arrowhead, Diamond, and Split Diamond; support for embedded audio, both level and phase relationship; and gain, sweep, and magnification controls. Additionally, the power of the WVR600 Series is accessed via a user-interface that is both easy to learn and easy to use, with most menus available with a single button push, onscreen help and FlexVu. With FlexVu, any operator can easily use the instrument to simultaneously view any four of the WVR600 Series displays and the signal under measurement.

## Full Digital Processing

Compared to dated analog architectures, the fully digital processing of the WVR600 Series ensures accuracy, stability, repeatability, and ease of use, as well as a lower cost of ownership with limited need for calibration. The combination of Tektronix exclusive gamut displays, session screens, configurable alarms, browser interface, and error logging provides quick and easy verification of legal and valid signals.

#### View Four Signals Simultaneously

A powerful display capability introduced with the WVR600 Series, the Tektronix FlexVu display allows the user to select four views of the incoming signal and select the quadrant each view is displayed. From a virtually unlimited variety of video and audio displays, users can choose four that best suit their specific application and simplify their monitoring needs. The FlexVu display enables the WVR600 Series Rasterizer to perform like four waveform monitors in one, on a single incoming video and/or audio signal.

### About Rasterizers

A rasterizer is a version of waveform monitor in which the display is scanned in a raster mode like a video or computer display. This is different from many traditional waveform monitors where displays are drawn from point-to-point in a vector mode. Rasterizers have the

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advantage of supporting color and are able to drive a variety of external displays. Some rasterizers have standard video rate outputs to allow routing around a facility, while others use higher resolution computer displays (VGA/SVGA/XGA).

## **About Tektronix**

Tektronix, Inc. is a test, measurement, and monitoring company providing measurement solutions to the communications, computer, and semiconductor industries worldwide. With more than 55 years of experience, Tektronix enables its customers to design, build, deploy, and manage next-generation global communications networks and advanced technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in more than 20 countries worldwide. Tektronix' Web address is www.tektronix.com.

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