

## **Tektronix Announces a New Series of Portable Waveform Monitors with Enhanced Measurement Capabilities**

### **The New WFM2300 Brings Essential Features for Install and Maintenance Applications**

PR Newswire

BEAVERTON, Ore.

BEAVERTON, Ore., Oct. 15, 2013 /PRNewswire/ -- Tektronix ([www.tektronix.com](http://www.tektronix.com)), the market leader in broadcast video test, monitoring and analysis solutions, today expanded its award-winning family of waveform monitors with the addition of the portable [WFM2300](#) Series designed for install and maintenance applications. The WFM2300 provides an array of measurement and monitoring features that allow engineers to quickly isolate, diagnose, and resolve system issues. The WFM2300 provides Eye pattern and Jitter measurement capability as well as Cable simulator / margin tests, Optical interfaces with SFP (Small Form factor Pluggable) module, Dolby E monitoring, Loudness meter in addition to the all features available in the existing WFM2200.

(Photo: <http://photos.prnewswire.com/prnh/20131015/SF95765>)

(Logo: <http://photos.prnewswire.com/prnh/20130103/SF36616LOGO-b>)

"As the newest member of our of waveform monitor family, the WFM2300 benefits from decades of intensive R&D and customer feedback with many of the world's largest broadcasters who have relied on Tektronix waveform monitors," said Eben Jenkins, general manager, Video Product Line, Tektronix. "The WFM2300 is also an example of our commitment to innovation as it offers the market's first portable waveform monitors equipped with multiple features required to support a variety of interfaces deployed into the broadcast facilities reducing the amount of equipment required in the field and overall operational costs."

The instrument is extremely portable (*H 8.5 in. x W 8.2 in. x D 1.4 in. and 4 lbs. with battery*), engineered for low power consumption with a large bright LED back paneled LCD screen and replaceable battery, as well as being ideal for engineers troubleshooting problems in the field or within facilities. The Eye/Jitter measurement feature helps identify issues in the physical layer. The cable simulation and margin test capabilities, only available from Tektronix, assists in determining the coax cable margin of a system to ensure it does not reach the "digital cliff" where the transmission error rate significantly increases. Engineers can also use a variety of status displays to ensure compliance to the standards and verify audio, video and data specifications. The video/audio test signals output from embedded test signal generator with Genlock capability can be used for identifying the signal path through a coax and optical interface.

The WFM2300 provides optional features that can be tailored for specific applications in each facility. In addition to the SD/HD/DL/3G-SDI, AES/EBU, LTC and composite sync signal support as standard (3G-SDI is option 3G), the optical SDI interface option (opt. SFP) can be selected to provide the broadcast facility with capabilities to monitor SMPTE 297 SDI fiber transmission system installations. This eliminates the need for an external optical/electrical converter unit offering the user greater flexibility and reducing the number of units an engineer needs to carry. In a facility carrying Dolby E signals the instrument offers an option (opt. DBE) to monitor peak audio level and metadata of the incoming Dolby E signal to verify activity of the channels without the need for an external Dolby decoder. Audio loudness monitoring is a critical task to monitor within a broadcast facility and the loudness option (opt. LOUD) allows users to directly read the audio level from the numerical LKFS/LUFS units displayed on the screen. This avoids the need to deduce the loudness levels from indirect measurements such as audio bars. The data option (opt. DATA) of the instrument allows the engineer to verify the presence of ANC data packets and troubleshoot problems within

the facility.

### **Pricing and Availability**

The WFM2300 Series is available worldwide in Q1 of 2014 with a starting price of \$9800 U.S. MSRP. For more information about the WFM2300, visit [www.tektronix.com/WFM2300](http://www.tektronix.com/WFM2300)

**Wonder what else Tektronix is up to?** Stay up to date on [Twitter](#) and [Facebook](#).

### **About Tektronix**

For more than sixty five years, engineers have turned to [Tektronix](#) for test, measurement and monitoring solutions to solve design challenges, improve productivity and dramatically reduce time to market. Tektronix is a leading supplier of [test equipment](#) for engineers focused on electronic design, manufacturing, and advanced technology development. Headquartered in Beaverton, Oregon, Tektronix serves customers worldwide and offers award-winning [service](#) and [support](#). Stay on the leading edge at [www.tektronix.com](http://www.tektronix.com).

*Tektronix is a registered trademark of Tektronix, Inc. All other trade names referenced are the service marks, trademarks or registered trademarks of their respective companies.*

SOURCE Tektronix, Inc.

---

<http://news.tektronix.com/2013-10-15-Tektronix-Announces-a-New-Series-of-Portable-Waveform-Monitors-with-Enhanced-Measurement-Capabilities>