

Introducing the CTS-1200 LCD Cell Test System

*Programmable 12 channel waveform generator suitable for driving
liquid crystal cells prior to row and column driver attachment*

ST. LOUIS, July 6, 2009 – Westar Display Technologies, Inc., a leading provider of flat panel display quality measurement systems, has introduced the CTS-1200 Cell Test System. The CTS-1200 is a fully programmable 12-channel arbitrary waveform generator optimized for driving any size LC cell during optical test. Coupled with Westar's optional backlight unit and cell fixturing and probing solutions, the CTS-1200 provides the electrical drive signals needed to create full-screen color and gray level patterns necessary to fully characterize cell performance prior to advancing in the module assembly process.

Each of the 12 output channels is programmable and capable of delivering ± 30 volts and ± 3 amps with 12-bit voltage resolution and 10 us time resolution. The CTS SignalMaster™ software application allows users to define precise waveforms (gate, column, Vcom, etc.) and see them graphically (oscilloscope view) prior to application to the cell under test. A modular interconnect cable set delivers the drive signals to a separate LC cell fixture and probing stage with an integral (and digitally dimmable) 10,000 nit uniform backlight. An automation DLL allows the CTS-1200 to be integrated into larger test systems such as Westar's FPM series of FPD Performance Measurement Systems.

Applications for the CTS-1200 include: LC cell drive and test, arbitrary waveform generation, general multi-channel voltage source waveform creation for driving or stimulating electrical loads.

For more information on CTS-1200, please contact:

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Headquartered in St. Louis, Westar Display Technologies, Inc. is a supplier of video components and display quality assurance solutions. Westar Display Technologies is a wholly owned subsidiary of QinetiQ North America Inc.