

Fully Compliant Clock Recovery for Optical Communications Test BERTScope™ CR – Clock Recovery You Can Count On

March 7, 2006 – MENLO PARK, California – The award-winning BERTScope CR 12500A Clock Recovery instrument (www.clockrecovery.com) is ideal for recovering compliant clocks required in the latest optical communications standards including 10G Ethernet, 1X, 2X, 4X, 8X, and 10X Fibre Channel, OIF CEI, XFP, and SONET. The CR 12500A's highly advanced architecture measures and displays the PLL frequency response from 100 kHz to 12 MHz and has the highest continuous loop bandwidth that is essential for jitter testing. It is the first instrument that allows full control of key parameters such as loop bandwidth, peaking/damping, and roll off.

Design and test engineers can now identify and lock onto signals of undefined or unknown data rates. They can recover full rate clocks for signals at data rates from 150 Mbps to 12.5 Gbps. The new CR12500A HS model offers the additional capability of utilizing high sensitivity data inputs so that the signal under test may be split off and converted from optical to electrical before being fed into the clock recovery data input.

“Our customers have told us that other clock recovery solutions on the market today are not meeting their needs for Fibre Channel and XFP testing,” said Dr. Lutz Henckels, Chief Executive Officer of SyntheSys Research. “We are pleased to offer a fully compliant clock recovery instrument that addresses all of the essential data rates.”

The flexible CR 12500A can be used with the BERTScope S Stress Analyzer *and* in standalone operation with other BERTs and sampling oscilloscopes.

Availability

Delivery for the BERTScope CR 12500A is 8 weeks ARO.

About BERTScope™

BERTScope™ is a trademark of SyntheSys Research, Inc., a privately held California corporation. Founded in 1989, its mission to develop advanced test instruments for identifying and locating the source of errors in high-speed digital bit streams. BERTScope CR pairs with BERTScope to offer the vision of a scope, the confidence of a BERT, and clock recovery you can count on. More information is available at www.bertscope.com.

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Photo Caption: Compliant Clock Recovery