

FOR IMMEDIATE RELEASE

Instrument-Grade Clock Recovery Unit for Jitter Compliance Tests

March 8, 2005 — MENLO PARK, California — Today SyntheSys Research announces the availability of a new member of the BERTScope™ family of Signal Integrity Analysis Tools. The BERTScope™ CRU 12500A is a new fully flexible variable rate clock recovery instrument, designed to make compliance testing of today's communication designs easy and accurate. With jitter being such a complex and contentious parameter, the CRU 12500A is intended to make compliance testing simple, repeatable and precise.

Many communication standards now specify that jitter testing must be carried out using a reference clock that has been derived from the data signal, using clock recovery with well-defined loop bandwidth characteristics. Typically, these characteristics are specified in terms of the -3 dB bandwidth of the recovery loop, the rate of roll-off of the frequency response, and the degree of response peaking allowable. These effects greatly dictate the amount of jitter that will be present on the reference clock, and therefore the amount of jitter ultimately measured by test instrumentation. It has been an industry-wide problem that few instrument-grade solutions to these needs have been available.

The CRU 12500A has been architected from the ground up to provide users with flexibility and accuracy in compliance measurements. For easy verification of compliance, the correct characteristics are automatically set when a given standard is selected from a pull-down menu. However, for users wanting to explore the limits of their designs, full control of parameters is also easily available.

"We are delighted to be able to move jitter compliance testing forward with this exciting new product," said Dr. Lutz Henckels, CEO of SyntheSys Research. "Customers have been telling us of their frustrations with existing solutions, and we have responded quickly to their requests."

The CRU 12500A is being demonstrated at the Optical Fiber Conference in Anaheim, California.

U.S. Pricing and Availability

CRU 12500A is available to order now. It is priced at approximately \$29,000 USD and delivery time is 16 weeks ARO.

About BERTScope™

BERTScope™ is a registered trademark of SyntheSys Research, Inc., supplier of advanced digital channel error analysis instruments to all areas of the telecom, datacom, data storage and computer industries. SyntheSys Research is a privately held California corporation founded in 1989 with the mission to develop new, advanced test instruments in high-speed electronics. SyntheSys' patented BitAnalyzer® error location analysis™ provides detailed information including pattern-dependent error histograms, enabling engineers to discover the source of errors. For further information, call (650) 364-1853 or visit our website at www.BERTScope.com.

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