

FOR IMMEDIATE RELEASE  
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### **New Single-mode Launch DMD Capability Now Available for Industry's Only Comprehensive Multimode Fiber Test Platform**

**Beaverton, Oregon, January 22, 2004** - Photon Kinetics, the world leading producer of test and measurement solutions for optical fiber and cable manufacturers, announces the availability of the Single-mode Launch Differential Mode Delay (SML DMD) Option for its industry-standard, multimode fiber test platform – the 2500 Optical Fiber Analysis System. The SML DMD Option replaces the 2500's aperture-based DMD option enabling the 2500 to maintain its claim as the most comprehensive multimode fiber test system available, offering virtually every critical multimode fiber characterization - DMD, overfilled launch (OFL) bandwidth and spectral attenuation - in a single test instrument

Even though SML DMD measurement capability is just one of several 2500 measurement functions, its performance is still without equal from start to finish. The 2500 SML DMD option features:

- A fully standards compliant, production-oriented design that provides robust operation in typical factory settings
- Integrated fiber preparation and loading tools that simplify and speed test setup
- Automated alignment and data acquisition that enable the shortest measurement time possible
- Dynamic range greater than 40 dB for the measurement of fibers over 8.8 km long
- Results analysis in accordance with TIA FOTP-220A, IEC 60793-1-49 and related fiber specifications including: DMD mask templates, DMD interval masks and calculated Effective Modal Bandwidth (EMBc)
- Accuracy ensured by calibration with a traceable standard, as well as performance verification routines and maintenance functions

The 2500 Optical Fiber Analysis System is the industry's only "built for purpose" DMD measurement solution. As a result, it provides multimode fiber manufacturers and researchers with the most cost effective DMD measurement solution that offers the accuracy and reliability essential for characterization of next generation multimode fibers. The 2500 SML DMD option is also supported by Photon Kinetics' knowledgeable technical support staff with over 10 years of DMD measurement experience.

#### **About Photon Kinetics**

Founded in 1979, Photon Kinetics is a leading supplier of measurement solutions for the optical fiber, cable and component manufacturing industry. The company offers a comprehensive portfolio of optical fiber testing solutions ranging from fiber preform analyzers to characterization systems for critical fiber geometry and transmission parameters. It also provides a complete line of tools and automated systems that reduce the cost of the optical fiber preparation and alignment activities that are part of virtually every test process. These tools include both single and multiple fiber aligners as well as fully automated fiber preparation and alignment systems. Photon Kinetics products are sold and supported in over 70 countries.

For more information on Photon Kinetics or any of our products and services, please visit our website at [www.pkinetics.com](http://www.pkinetics.com).

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