

FOR IMMEDIATE RELEASE

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New Far Field Scanning Platform Provides Both Capability and Flexibility

Beaverton, Oregon – Far field scanning is a useful tool for characterizing the mode field diameter (MFD) and effective area (A_{eff}) of single-mode fibers, as well as the numerical aperture of multimode fibers. It is also the reference measurement technique for all three measurements. Far field scanning is typically employed in lower volume laboratory or specialty fiber test applications where the slightly longer measurement time, relative to alternative test methods such as the variable aperture method, is more tolerable. It is also useful when comprehensive MFD/ A_{eff} or NA measurement capability at wide range of wavelengths is required. Photon Kinetics' new 2314 Far Field Scanner was designed specifically for these types of testing applications.

The 2314, a new member of the Photon Kinetics PKSL instrument family, features a high-resolution radial scanner, plus integrated LED or laser light sources and buffer fibers in a compact package. A full range of standard and special LED and laser diode light sources are available including: 632, 780, 820, 850, 980, 1064, 1300, 1310, 1550 and 1625 nm. Optional 1120 Bare Fiber Aligner(s) can be employed with the 2314 to provide fast, low loss coupling of 125 μm OD fibers to the light source buffer fibers.

About Photon Kinetics

Founded in 1979, Photon Kinetics is the 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. Additionally, Photon Kinetics provides a complete line of products that reduce the overall cost of fiber measurements by facilitating the time-consuming fiber preparation and handling activities.

Photon Kinetics also supplies measurement technology to the manufacturers of network monitoring, and it provides industry-standard fiber cleaving technology to the manufacturers of high-performance fiber optic components and installation/maintenance equipment.

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

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