

FOR IMMEDIATE RELEASE
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Preform Analysis Software Reveals Hidden Defects, Complex Structures

Anaheim, California, March 7, 2005 – Photon Kinetics, the world's leading supplier of testing solutions for optical fiber manufacturers, announced today at OFC/NFOEC 2005 an important new capability for its 2600 Preform Analyzer. Preform tomography software now available for the 2600 enables manufacturers of both standard and specialty optical fibers to obtain preform refractive index profiles that are not only more comprehensive, but also more precise than those obtained via traditional computation methods.

Tomographic software generates a refractive index "map" of the entire preform cross section from the preform analyzer data, as opposed to a collection of discrete radial index profiles. And it produces this map without making any assumptions regarding preform symmetry as traditional methods do. Together these advantages will enable manufacturers of standard telecom fiber preforms to obtain more precise index profiles than ever before, profiles that could reveal anomalies that previously escaped detection. Manufacturers of radially asymmetric specialty optical fibers, such as panda and bowtie-type PM fibers, will reap the greatest benefit from the tomographic reconstruction software as they currently have very limited capability for characterizing their preforms. Tomographic analysis will give them the essential data they need to optimize processes and predict drawn fiber performance at the earliest possible process stage.

Warren Hill, VP of Sales and Marketing at Photon Kinetics commented, "PK has been the world leader in preform analysis technology for many years. Our analyzers have enabled optical fiber manufacturers to improve their processes and significantly reduce manufacturing costs. We believe that our new tomography software is an important capability that will empower specialty fiber manufacturers who until now have not had adequate tools to characterize their more complex preform designs. Tomography software will give them information they need, which will undoubtedly have a positive impact on both production efficiency and finished product performance."

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 that are part of most fiber testing processes.

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

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.

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