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Next Generation Multifiber Aligner Enables Higher Volume Cable Testing

San Diego, California, March 13, 2018 – Over 20 years ago, Photon Kinetics introduced the 1001-MFH Multifiber Handler, a key component of its OASYS OTDR Automation System. The 1001-MFH featured high-speed, mass fiber preparation and automated coupling of a cable's fibers to an OTDR buffer fiber. Combined with OASYS OTDR Automation Software and high performance, production-optimized OTDRs, the 1001-MFH has maximized test station throughput and minimized testing cost for many of the world's largest optical fiber cable manufacturers. At OFC 2018, Photon Kinetics introduced its next generation automated multifiber handler, the 1050C Cable Aligner

Like its predecessor, the 1050C takes advantage of mass fiber preparation tools and cassette loading of multiple ribbon or loose tube fiber holders to speed the aligner loading process. The 1050C then uses reliable video profile alignment and automated index matching oil application to couple each fiber to the OTDR with low optical loss and reflectance. Other capabilities offered by the 1050C include its ability to align both conventional 250 um, as well as "high density" 200 um coated fibers, whether packaged as loose tubes or fiber ribbons.

"We are very excited about this next generation cable aligner", said Warren Hill, Vice-President, Marketing and Sales of Photon Kinetics. "The 1050C is not only faster than its predecessor, but it is also compatible with a wider range of cabled fibers whether they are single-mode or multimode, 250 um or 200 um, loose tube or ribbon. But while versatility is important, it is critical to understand that the 1050C enables automated, unattended OTDR measurements. Operators perform cable end preparation, fiber stripping and cleaving processes in parallel with measurements and therefore these time-consuming activities have zero impact on test station output." Mr. Hill concluded, "In light of current demand for optical fiber cable products, the 1050C is an essential tool for any manufacturer who wants to maximize test station output and at the same time minimize testing costs."

Since the new 1050C effectively replaces all of the capability provided by the 1001-MFH Multiple Fiber Handler, current 1001-MFH customers should be aware that as of March 13, 2019 the 1001-MFH will enter PK's standard 5-year support period for discontinued products.

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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