



**NEWS – FOR IMMEDIATE RELEASE**

**Blue Sky Research Launches New FiberTec™ SF Laser System  
Advanced Spectral Feedback Technology for Narrow Linewidth Applications**

Milpitas, Calif. – March 17th, 2023

Blue Sky Research, a provider of laser solutions, has launched its newest product line: the FiberTec™ SF. This cutting-edge fiber-coupled laser system is specifically designed for high-precision, narrow laser linewidth applications, such as Raman spectroscopy, as well as other scientific, industrial, and medical uses.

Standard FiberTec™ SF systems are offered with 638nm, 785nm, or 830nm wavelengths, and they deliver a narrow spectral linewidth of less than 300MHz with over 60mW of laser power output. The FiberTec™ SF can also be customized to meet specific wavelength and power requirements.

FiberTec™ SF systems come with a fiber-coupled laser diode and all necessary electronics for operation, monitoring, and control using a simple DC power supply. The narrow linewidth operation of FiberTec™ SF is achieved through wavelength locking from volume Bragg grating technology. Because of its single longitudinal mode operation, FiberTec™ SF has extremely low noise (0.05% RMS 10Hz – 20MHz) and excellent power stability (0.3% over 1 hour).

Chris Gladding, CEO of Blue Sky Research, stated, "We have expanded our line of Fiber-Coupled Laser systems to include wavelength locking technology combined with our unique, integrated microlens technology for narrowing the linewidth of our laser modules. This miniature laser system is ideal for handheld, portable, and fieldable Raman instruments where users need to quickly identify chemical species in the field such as water contaminants, disease or cancer identification, blood measurements, and effluent or contaminant categorization."

Orders are now being accepted. For more information, visit the Blue Sky Research website or contact their sales team at [sales@blueskyresearch.com](mailto:sales@blueskyresearch.com).

Blue Sky Research is a leading provider of precision laser modules and systems, specializing in fiber-coupling and micro-optic beam adaptations. With more than 20 years of experience in the field, Blue Sky Research has earned a reputation for delivering innovative solutions that enhance the performance and dependability of laser systems across a diverse range of applications.