



NEWS - For Immediate Release

**BLUE SKY RESEARCH INTRODUCES SPECTRATEC™
Polarized Multi-Laser Source**

SPECTRATEC IS THE WORLDS' SMALLEST, POLARIZED, DUAL SOURCE FIBER-COUPLED LASER AVAILABLE

MILPITAS, Calif. – January, 2012

Blue Sky Research, a volume manufacturer of laser diode systems and OEM components, today announced the company is accepting orders for its new SpectraTec, a dual source, polarized laser module. Each system integrates a precision feedback system that allows polarization maintaining fiber to be used with better than 0.5% power stability at the exit end of fiber. Long-term precision & power stability are achieved via an integrated assembly of all fiber technology, precision power monitors and a low noise electrical feedback control loop.

Chris Gladding, CEO of Blue Sky Research stated, "We designed SpectraTec to meet the needs a broad range of our customers applications which require multiple laser wavelengths as well as reliable and stable laser sources. Our technology offers absolutely co-located light source for both wavelengths with no possibility of independent beam wandering over a wide range of temperature environments . Our SpectraTec system does this better than anything available in the market today. In addition, this system never needs alignment over the product's entire lifetime."

Each SpectraTec system incorporates two semiconductor lasers, permanent fiber coupling technology, electronics needed to operate, protect and stabilize the laser, and a single mode or polarization maintaining single mode fiber as the output. Laser wavelengths available include; Violet, Blue, Green, Red, and IR (405nm to 980nm). The permanent fiber alignment and highly compact laser module footprint makes this laser system ideal for OEM integration. The laser is temperature stabilized with a thermoelectric cooler (TEC) and the integrated controller features a laser driver, output power stabilization, power level control, reverse and over voltage protection, fast transient and ESD suppression. Blue Sky Research will also modify the output optics to match the beam to optimize your system performance.

About Blue Sky Research

Blue Sky Research is a vertically integrated volume manufacturer of fiber-coupled and free space, red, blue, violet, and IR laser systems, semiconductor laser devices, and OEM laser components. The company crafts state of the art laser products using its' in-house expertise in micro-optics, laser diode manufacturing and optical/electrical engineering disciplines. Custom and application-specific solutions for high reliability and coupling of lasers to single mode fibers are enabled via patented microlens technology, and telecommunications grade packaging technology. Founded in 1989, Blue Sky Research is headquartered in Silicon Valley, California.

Product and Press Inquiries:

Blue Sky Research
408-941-6068