FOR IMMEDIATE RELEASE

Bristol Instruments Introduces Wavelength Meter for Mid-Infrared Lasers

Accurate and reliable laser wavelength measurement is now available for CW lasers that operate from 4 to 11 μm

VICTOR, NEW YORK December 5, 2007 – Bristol Instruments, Inc., the leader in laser wavelength measurement technology, has introduced a new laser wavelength meter for scientists and engineers who need to know the exact wavelength of their mid-infrared lasers. Now, researchers using sources such as tunable quantum cascade lasers for high-resolution spectroscopy, photochemistry, or optical sensing applications can achieve more meaningful experimental results with accurate laser wavelength information.

The new model 621B-MIR is designed to operate over the entire wavelength range of 4 to 11 μm. Proven Michelson interferometer-based technology is used to measure absolute laser wavelength to an accuracy as high as ± 0.004 nm, which is guaranteed by continuous calibration with a built-in wavelength standard. Several features of the 621B-MIR system allow for convenient integration into an experiment to provide real-time wavelength data.

"Many scientists are interested in studying molecules that have their primary resonant absorption in the mid-infrared," said Dr. Michael Houk, Chief Technology Officer of Bristol Instruments. "New quantum cascade laser technology has made this research possible, and Bristol Instruments is committed to keeping pace with such laser advancements by continually expanding the capabilities of its laser wavelength meters."

About Bristol Instruments
Bristol Instruments designs, manufactures, and markets precision scientific instruments used by scientists and engineers at colleges, universities, and government laboratories. Its unique optical interferometer-based products provide accurate spectral characterization important for applications such as high-resolution laser spectroscopy, photochemistry, and optical remote sensing.

Bristol Instruments is headquartered in Victor, New York. For more information, visit www.bristol-inst.com or call at (585) 924-2620.