



FOR IMMEDIATE RELEASE

Bristol Instruments Introduces a New Generation of Laser Wavelength Meters

The most accurate laser wavelength measurement gives researchers greater confidence in their experimental results

VICTOR, NEW YORK April 21, 2005 – Bristol Instruments, Inc., a new company founded by three former employees of Burleigh, has announced the introduction of a family of laser wavelength meters. The 621 Laser Wavelength Meter employs optical interferometry to measure wavelength to the highest accuracy available. What's more, this measurement is accomplished with an unprecedented level of reliability, versatility, and convenience.

Two models of the 621 series are available. The 621A is used for the most demanding experiments, measuring absolute wavelength to the highest accuracy of ± 0.2 ppm. For experiments that are less exacting, the 621B, with an accuracy of ± 1.0 ppm, is a lower-priced alternative. The performance of either 621 system is guaranteed because of continuous calibration with a built-in wavelength standard. Different versions operate over the wavelength range of 350 nm to 4.0 μm , and several product features allow for convenient integration into an experiment to provide real-time wavelength data.

“Many laser applications, such as high-resolution laser spectroscopy, photochemistry, and optical remote sensing, require that absolute laser wavelength be known precisely,” said Dr. Michael Houk, Vice President of Technology for Bristol Instruments. “The best way to obtain this wavelength information is with the new 621 Laser Wavelength Meter. The engineers at Bristol Instruments have used their unique expertise in optical interferometer-based wavelength measurement to develop an instrument that measures absolute wavelength accurately and reliably. The benefit is greater confidence in experimental results.”

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.