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Mirrors and Free Technical Support are available for Burleigh Fabry-Perot Interferometers

Bristol Instruments uses its expertise in Fabry-Perot interferometry to provide various accessories and support

VICTOR, NEW YORK March 31, 2005 – Bristol Instruments, Inc., a new company founded by three former employees of Burleigh Instruments, Inc., has announced that it will provide mirrors and accessories for a variety of discontinued Burleigh Fabry-Perot interferometer products. The first products offered are mirrors that are compatible with Burleigh's RC series Fabry-Perot interferometers. The RC system was a popular large-frame Fabry-Perot interferometer that included the models RC-110, RC-140, and RC-150.

The Bristol Instruments FP Series Mirror Set includes a pair of plane-parallel mirrors with reflectivity of 99.3%, 97.5%, or 93.0%, and a surface flatness as high as $\lambda/200$. Mirror diameters of 50 mm and 25 mm are available. In order to maximize the performance of the Fabry-Perot interferometer, the wavelength range of the mirror's multilayer dielectric coating is customized anywhere from 450 nm to 12 μm . The bandwidth of the coating is dependent upon wavelength, and ranges from 100 to 500 nm.

"Burleigh's Fabry-Perot interferometers are still used by many researchers around the world," said Dr. Brian Samoriski, President of Bristol Instruments. "However, in recent years, it has not been possible to obtain mirrors and accessories for these products. Because of our passion for optical interferometry and high-resolution spectral characterization, we would like to help scientists who wish to preserve their original investment in the world's foremost Fabry-Perot interferometer."

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 that is 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.