

Side Scatter Measurement and Additional Fluorescent Channel

FULLERTON, CA (October 24, 2005) – Beckman Coulter, Inc. introduces Cell Lab Quanta™ SC – the second offering in its new family of affordable flow cytometers for drug discovery and basic clinical research. The Quanta SC combines side light scatter detection and a third fluorescent channel with Coulter volume measurement to deliver accurate, multiparameter cell counting and sizing. Up to five parameters can be studied at once on the new system. The additional fluorescent channel and the side light scatter capability enable users to measure cellular granularity for simple three-color immunophenotyping applications. Because the system also incorporates Coulter volume measurement, users can carry out sensitive antigen density studies, critical for understanding apoptosis processes in more detail.

Quanta's multiple excitation wavelengths, including UV and laser light sources, allow flexible fluorochrome selection for a variety of multicolor analyses. Quanta SC is offered with a powerful 488 nm laser diode for fluorescent and side scatter analysis as well as a mercury arc lamp for use with UV-excitable dyes. The Quanta SC analyzes a variety of cellular types including mammalian, yeast and bacteria in research applications such as cell cycle, apoptosis, cellular enumeration and sizing and basic immunophenotyping. The system's affordability and small footprint make it ideal for distributed testing in non-core labs. Quanta SC is part of Beckman Coulter's Cell Lab family of integrated cellular analysis solutions.

"With the Quanta SC's ability to measure more parameters, we expand the possibilities available to researchers for routine cell-based assays" explained Brendan Yee, Business Manager for Beckman Coulter. "The Quanta SC with side scatter and additional fluorescent channel adds capabilities to a system that was already unique due to the incorporation of Coulter counting."

Beckman Coulter, Inc. is a leading manufacturer of biomedical testing instrument systems, tests and supplies that simplify and automate laboratory processes. Spanning the biomedical testing continuum — from pioneering medical research and clinical trials to laboratory diagnostics and point-of-care testing — Beckman Coulter's 200,000 installed systems provide essential biomedical information to enhance health care around the world. The company, based in Fullerton, Calif., reported 2004 annual sales of \$2.4 billion with 64 percent of this amount generated by recurring revenue from supplies, test kits and services. For more information, visit www.beckmancoulter.com or call (800) 742-2345 (U.S.). Fax (800) 643-4366 (U.S.). From outside the U.S. call (714) 871-4848