

## Sartorius secures key technology for disposable bioreactors

Goettingen, January 04, 2006 – Sartorius AG and the US-based Fluorometric Corp., a spin-off of the University of Maryland, have concluded a licensing contract that gives Sartorius exclusive use of Fluorometric patents in the field of disposable sensors for bioreactors. The addition of disposable sensors for detection of multiple parameters completes the Sartorius portfolio of technology for the development and construction of disposable bioreactors.

Reinhard Vogt, Senior Vice President of Sales and Marketing for the Sartorius Biotechnology Division, calls the new licensing contract an important milestone on the path ultimately leading to disposable solutions for entire biotechnical production processes. "We have secured a strategic advantage for Sartorius in the rapidly growing market for disposables. The current technological challenge for the creation of disposable bioreactors lies in the use of disposable products for all components of the system – including measurement and control units. The new disposable sensors complete the chain and ensure that, in the coming year, we will be one of the first companies to introduce a completely disposable reactor," says Vogt. Sartorius has plans for implementing these sensors as platform technology in other new products as well.

The bioreactor is at the core of every biotechnological production process: this is where microorganisms are bred under controlled conditions and either their cells or the products of their metabolic processes are harvested for use in the manufacture of pharmaceutical agents. Up to now, virtually all reactors on the market were reusable systems. Sartorius has been working on the development of bioreactors as disposable systems to meet the stringent requirements of the pharmaceutical industry regarding safety and hygiene. Disposable components and systems are increasingly in demand, both for improved process reliability and

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for the economic advantages they offer. Disposal components are available for use at all times, and make it easy to change products in a production process quickly and inexpensively. With reusable bioreactors, by contrast, complicated cleaning processes and sterilization operations, with the concomitant qualification procedures, must be performed carried out before a product change.

This press release contains statements about the future development of the Sartorius Group. We cannot guarantee that the content of these statements will actually apply because these statements are based upon assumptions and estimates that harbor certain risks and uncertainties.

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#### A profile of Sartorius

The Sartorius Group is an internationally leading laboratory and process technology supplier covering the segments of biotechnology and mechatronics. In 2004, the technology group earned sales revenue of 467.6 million euros. The Goettingen-based company founded in 1870 currently employs a good 3,750 persons. Its biotechnology segment focuses on filtration and separation products, bioreactors and proteomics. The mechatronics segment manufactures, in particular, equipment and systems, which feature weighing, measurement and automation technology for laboratory and industrial applications, as well as hydrodynamic bearings.

Sartorius key customers are from the pharmaceutical, chemical and food and beverage industries and from numerous research and educational institutes of the public sector.

Sartorius has its own production facilities in Europe, Asia and America as well as sales subsidiaries and local commercial agencies in more than 110 countries.

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