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08TFSLPG12

Laboratory Products

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Thermo Fisher Scientific Launch Total Solution for Super-speed Centrifuge Workflow

New large volume, super-speed centrifugation systems incorporate products Thermo Scientific, *FIBERLite* and NALGENE

MILFORD, MA., - Thermo Fisher Scientific Inc., the world leader in serving science, has announced the Super-speed Centrifuge Workflow Solution to help scientists spin sample volumes at a higher capacity and at higher speeds than ever before. Using the new Nalgene[®] 1L super-speed centrifuge bottle, which holds a full liter of liquid, researchers can now save a significant amount of time. By running far fewer centrifugation cycles -- taking advantage of the high volume -- separating large volumes of cell harvests and pelleting large volumes has never been quicker.

This super-speed workflow solution provides seamless compatibility between the new Nalgene bottle, *FIBERLite*[®] carbon fiber rotors, and Thermo Scientific Sorvall[®] Super-speed centrifuges.

Nalgene Super-speed 1L Centrifuge Bottles

Suitable for centrifuge applications at very high speeds, the new Nalgene super-speed 1L bottles are used to process cell harvests and intermediates for vaccine production, or for any application requiring large capacity processing. When matched with a 1 x 4L *FIBERLite* carbon fiber rotor and a Sorvall RC-6 Plus or a 1 x 6L *FIBERLite* carbon fiber rotor and the Sorvall Evolution centrifuge, these precision-engineered centrifuge bottles enable scientists to centrifuge up to 6 liters of sample at speeds that create forces of up to 15,810 x G.

Nalgene 1L Super-speed Centrifuge Bottles expand large centrifuge bottles use beyond gross separation procedures to effectively increase productivity and throughput in the laboratory. Bottles molded of polypropylene are translucent and display excellent chemical resistance, while the polycarbonate bottle is crystal clear. The wide mouth design facilitates pellet removal, and the bottle and closure assembly is autoclavable.

Lot control is performed during manufacturing to enable traceability, and all bottles are in compliance with USP Class VI and ISO quality standards. Nalgene 1L Super-speed Centrifuge Bottles are non-pyrogenic and may be provided sterile for single-use applications.

***FIBERLite* Carbon Fiber Rotors**

The ultra-lightweight carbon fiber rotors from *FIBERLite* are resistant to corrosion and fatigue, delivering seamless compatibility with both the new Nalgene 1L super-speed centrifuge bottles and the Sorvall super-speed centrifuge models. The rotors work to maximize high-throughput, high-speed centrifuge processes.

Thermo Scientific Sorvall Super-speed Centrifuges

The Sorvall RC 6 Plus and Evolution RC super-speed centrifuges offer an extremely quick sample processing capability at speeds of up to 22,000 (55,200 x G) and 26,000 (70,450 x G) rpm, respectively. The two centrifuges can handle the most demanding of high-throughput applications as the Sorvall RC 6 Plus can process up to 4L, and the Evolution RC can process 6L. By eliminating the need for vacuum seals or filters, Sorvall Super-speed centrifuges reduce the risk of tube and bottle leakage. Both models comply with CE and CSA standards.

For additional information on Nalgene 1L Super-speed Centrifuge Bottles, contact Nalgene Labware: U.S. or Canada: 1-800-625-4327; Europe: +44 (0) 1432 263933; Worldwide: 1-585-899-7198. Visit www.nalgenelabware.com

The Thermo Fisher Scientific Nalgene and Nunc Brand Manufacturing locations are ISO 13485 certified world leaders in the production and supply of life science plastic consumables for use in cell culture, molecular biology, genomics and immunology. The Nalgene and Nunc Brand names are synonymous with innovation, cooperation, quality and service. Thermo Fisher Scientific is committed to playing an important role in the development of new products which will help scientists to move forward, produce results, and to find industrial applications for discoveries made in pure science.

NUNC is part of Thermo Fisher Scientific, the world leader in serving science.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. With annual revenues of \$10 billion, we have more than 30,000 employees and serve over 350,000 customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as environmental and industrial process control settings. Serving customers through two premier brands, Thermo Scientific and Fisher Scientific, we help solve analytical challenges from routine testing to complex research and discovery. Thermo Scientific offers customers a complete range of high-end analytical instruments as well as laboratory equipment, software, services, consumables and reagents to enable integrated laboratory workflow solutions. Fisher Scientific provides a complete portfolio of laboratory equipment, chemicals, supplies and services used in healthcare, scientific research, safety and education. Together, we offer the most convenient purchasing options to customers and continuously advance our technologies to accelerate the pace of scientific discovery, enhance value for customers and fuel growth for shareholders and employees alike. Visit www.thermofisher.com.

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