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Thermo Fisher launches sustainable solution for large-scale cell culture harvesting

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The DynaSpin Centrifuge system will be available to order in the fourth quarter of 2022



Thermo Fisher Scientific Inc. has unveiled the Thermo Scientific DynaSpin Single-Use Centrifuge system at the BioProcess International annual conference in Boston, MA recently.

The system is specifically designed to provide an optimal single-use solution for large-scale cell culture harvesting. The DynaSpin system improves and streamlines harvesting for cell culture separation in single-use bioprocesses by reducing the number of depth filtration cartridges required to complete the harvest process.

The DynaSpin solution delivers equivalent or improved product yield compared to traditional harvest systems while enabling operational efficiency, cost savings and sustainable practices in the production of biologics.

It helps reduce overall production costs while allowing biologic manufacturers to support their sustainability goals. By reducing the number of filters required for harvesting, this product offers upwards of six-fold reduction in material requirements, eliminating 70% of waste compared to traditional harvest systems.

In addition to the optimized design and smaller equipment footprint, the DynaSpin system incorporates the well-documented advantages of single-use products including scalability, rapid change over, reduced downtime and lower risk of contamination to the workflow.