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Thermo Fisher Scientific launches bench scale bioreactor enabling productivity, scalability and efficiency

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Introduces First-of-its-kind 5L DynaDrive Single-Use Bioreactor to Simplify and Accelerate Process Development and Help Bring Therapies to Market FasterÃ?Â with reduced environmental impact



Thermo Fisher Scientific Inc., the world leader in serving science, has launched the 5L DynaDrive Single-Use Bioreactor (S.U.B.), designed to meet the evolving needs of modern bioprocessing. The new Bioreactor maximizes productivity, accelerates time to market, and allows the efficient development and commercialization of life-saving therapies.

The 5L DynaDrive expands the company's robust bioreactor portfolio, offering seamless scalability from 1 to 5,000 liters and accelerating bench-scale process development, while facilitating the cost-effective transition from bench to commercialization with consistent reactor design and film across all scales.

The 5L DynaDrive single-use bioreactor is engineered to meet the diverse needs of large biopharma, Contract Development and Manufacturing Organizations (CDMOs), and small biotech companies. Its user-friendly design and benchtop size enable use with the PerformaTM G3Lab Controller to provide exceptional scalability and scalable proof of concept, affordably.

With a 27% increase in productivity compared to glass bioreactors, the 5L DynaDrive combines small size with high performance and offers effective scale-up with consistent design, software, and film across all sizes. The robust, reliable solution utilizes biobased films built on Thermo Fisher’s existing AegisTM film offerings and BioTitan Retention Devices, enabling minimized product loss and more sustainability.