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ASIA EDITION

Thermo Fisher Scientific launches sustainable large-capacity and superspeed centrifuges

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New centrifuges replace the line of Sorvall centrifuges previously offered by Thermo Fisher Scientific



Thermo Fisher Scientific Inc. has introduced new lines of floor-model centrifuges to provide more sustainable solutions without compromising performance and sample security. The Thermo Scientific Cryofuge, Thermo Scientific BIOS and Thermo Scientific LYNX centrifuges are the first floor-model centrifuges that feature natural refrigerant cooling systems compliant with European Union (EU) and US Environmental Protection Agency (EPA) F-gas regulations.

Regulatory bodies in the EU and US are implementing regulations to discontinue fluorinated gases as refrigerants, and centrifuge manufacturers must comply to the new prohibition timelines.

The Cryofuge, BIOS and LYNX centrifuges feature new Thermo Scientific GreenCool Technology, a next-generation natural refrigerant cooling system with a Global Warming Potential of 1, which is 1,397 times less impactful to the environment compared to previous technologies. They are also manufactured at Thermo Fisher's site in Osterode am Harz, Germany, a certified zero-waste facility powered by 100% renewable energy.

In addition to the improvements in sustainability, the new lines of centrifuges weigh less and generate less noise, enhancing the laboratory environment. The features and technologies remain market-leading for floor-model centrifuges. Focused on performance, protection of user and samples, intuitive operation, and excellent reliability, they deliver precise and efficient results in areas like blood banking, bioprocessing and a broad range of research applications.