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NSF-Certified Vaccine Storage Solutions Protect Your Most Sensitive Samples

Thermo Scientific TSX and TSG Series refrigerators and freezers meet stringent requirements for ensuring the safe storage and efficacy of temperature-sensitive vaccines, including those for COVID-19.

President & CEO: Marc N. Casper

Founded: 1956

Employees: 100,000

Stock Symbol: TMO

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ThermoFisher
SCIENTIFIC

Company Background

Thermo Fisher Scientific, Inc. (NYSE: TMO) is the world leader in serving science, with annual revenue of approximately \$40 billion. Our mission is to enable our customers to make the world healthier, cleaner, and safer. Whether our customers are accelerating life sciences research, solving complex analytical challenges, improving patient diagnostics and therapies, or increasing productivity in their laboratories, we are here to support them. Our global team of more than 100,000 colleagues delivers an unrivaled combination of innovative technologies, purchasing convenience, and pharmaceutical services through our industry-leading brands, including Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific, Unity Lab Services, Patheon, and PPD.

Thermo Scientific™ TSX Series High-Performance Refrigerators and Freezers

A Better Environment Inside and Out

Temperature variation can have an impact on the viability and efficacy of vaccines, medication, reagents, and other temperature-sensitive materials. These variations can shorten product shelf life, degrade enzymes, and reduce vaccine effectiveness. Therefore, it is important to choose a high-performance refrigerator or freezer that has been designed for the demanding standards of the laboratory environment.

■ NSF/ANSI 456 Vaccine Storage Standard Certified

Thermo Scientific TSX Series high-performance pharmacy refrigerators and freezers from Thermo Fisher Scientific, are among the first to be certified to the NSF International/American National Standards Institute (NSF/ANSI) 456 Vaccine Storage Standard. The certification provides further validation to customers of reliable thermal performance across all potential storage locations and under varying loads and uses.

Thermo Scientific cold storage has been deployed globally at clinics, pharmacies, and vaccine sites to support the worldwide distribution of temperature-sensitive COVID-19 vaccines.

■ A Whisper-Quiet Operation

The TSX Series offers a whisper-quiet operation, so you can bring the refrigerator or freezer out of the hallway and back into your lab without disrupting your audio environment.

■ Verified Sustainability — ACT Label

When you're looking for sustainable products, we believe it should be easy to make informed purchasing decisions. That's why Thermo Scientific TSX Series high-performance refrigerators and freezers have completed the ACT Environmental Impact Factor Label labelling processes, which is designed to address the needs of both scientists and procurement specialists for clear, third-party verified information about the environmental impact of laboratory products. The criteria for the ACT label were developed with input from industry experts and external stakeholders, and the label process entails third-party verification of the sustainable impacts of a product, its operations, and its end of life.

■ The SNAP-Compliant Choice

Additionally, Thermo Scientific TSX Series high-performance refrigerators and freezers are designed with features that support sustainability objectives and the U.S. Environmental Protection Agency's Significant New Alternatives Policy (SNAP). Our variable-speed compressor technology (V-Drive) utilizes natural refrigerants with near zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP) and all of the cabinets utilize water blown foam insulation instead of traditional refrigerant blown insulation.

■ ENERGY STAR-Certified

While conventional-refrigerant, high-performance refrigerators and freezers can run at very high kWh/day in energy usage, the TSX Series by comparison has been designed to reduce energy usage without compromising performance. All TSX Series products are EPA ENERGY STAR®-certified.

■ Ready for Connectivity

TSX models are compatible with the Thermo Scientific™ DeviceLink™ Connect, enabling you to have a connected experience with your unit so you always — and anywhere — know the safety of your samples and the performance of your refrigerator or freezer. The units are also compatible with Thermo Scientific™ Smart-View™ Pro wireless monitoring systems.

■ Fit for Purpose Service Solutions Keep You Up and Running

Your laboratory and medical refrigerators and freezers are designed to give you confidence with reliable operation, and our service team can extend that confidence by keeping you up and running. From installation to maintenance, service plans, and compliance services, our full range of service solutions deliver optimal performance and worry-free operation, help ensure regulatory compliance, reduce maintenance, and let our customers focus on their work.