

Thermo Scientific brings new compact freezers for Clinical Storage

August 1, 2018 | News

The Thermo Scientific TSG Series of refrigerators maintain optimal cold storage conditions with minimal energy consumption and noise output



A new series of compact refrigerators has been specifically developed to address the need of clinical laboratories and patient care facilities for cold storage equipment that enable secure and energy-efficient storage of vaccines, medicines, lab kits and breast milk, while offering quiet operation and a small footprint.

Powered by Phononic's solid state cooling technology, the new TSG refrigerators have been designed to provide uninterrupted temperature stability and cleanroom-compatible readiness for reliable storage of the most sensitive materials.

Furthermore, the systems offer whisper quiet operation at less than 35 dbA, meaning they can be placed in clinical laboratories, nurse's stations, and even patient rooms and intensive care units, without disrupting the work environment and patient comfort.

With ENERGY STAR®-rated performance, the TSG Series refrigerators consume significantly less energy than similar models, meeting clinical settings' sustainability objectives and reducing operating costs.

In addition, as they feature fewer refrigeration components compared to other available units, require only minimal maintenance and offer increased storage capacity.

As with the Thermo Scientific TSX Series of freezers and refrigerators, the new TSG Series uses environmentally-friendly refrigerants in line with global initiatives aimed at minimizing greenhouse gas emissions.

Additionally, the systems feature an alarm capability, notifying users of temperature fluctuations, door ajar and power failure, enabling for corrective action to ensure ideal storage conditions are always maintained throughout the internal chamber.

The TSG Series refrigerators are available in under counter (TSG505) and countertop (TSG205) configurations to suit varying application needs.

The TSG505 is designed to support third-party monitoring solutions often employed in clinical settings, whereas data logging and download capabilities on the TSG205 are easily enabled via a USB port to meet clinical record management needs.