Keeping valuable substances safe at ultralow temperatures

IN THIS NEW ENVIRONMENT, LEARN HOW LIEBHERR STORES VACCINES SAFELY AT LOW TEMPERATURES AND ABOUT THE LATEST TECHNOLOGY INNOVATION THAT OFFERS PEACE OF MIND

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How do you safely store long-term valuables and sensitive substances like DNA, proteins, or vaccines?

For long research projects and transporting valuable, sensitive substances, proper storage temperatures are critical. Temperature is one of the most important purchase criteria when selecting an ultralow temperature (ULT) freezer. Some vaccines require temperatures between -40°C to -60°C, other materials require these temperatures for testing, and certain reagents require these temperatures for mid-term storage. -60°C to -86°C temperatures are required for long-term storage of biological products such as chemical reagents, vaccines, and bacteria.

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Liebherr is setting new standards, reaching into the fields of science and healthcare with new ULT's in 500 and 700 liter capacities.

Liebherr´s new ultralow temperature freezers are specifically designed for extreme storage temperatures. Depending on the unit's size, the new appliances have storage capacities for almost 30,000 to over 40,000 samples. Additionally, Liebherr uses highly efficient systems with cascade cooling and hydrocarbon refrigerants in combination with vacuum/foam sandwich construction to minimize energy consumption. Energy rebates are also available in several states.

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