

Press release

## **Collaboration between Testo and Liebherr facilitates a more widespread use of networking solutions**

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**Ochsenhausen/Titisee-Neustadt, Germany, 18.04.2024 – In medicine and research, precision and safety are of the utmost priority. This also applies to storing sensitive substances. When combined with the cloud-based SmartMonitoring system, the Liebherr appliances designed especially to meet these requirements provide an integrated cooling solution, ensuring optimal safety and reducing the burden on the entrusted staff. The refrigeration specialists are now collaborating with Testo Solutions GmbH, an expert in measurement technology, to integrate existing appliances that have not previously been compatible with SmartMonitoring as well as appliances from other brands and even room environments into the networking solution so that customers are able to benefit from the advantages of comprehensive monitoring.**

Medicines, vaccines, tissues or samples, which need refrigeration require constant and precise temperatures non-stop monitoring and supporting documentation. The strict specifications and DIN standards relating to the storage of medicines require a great deal of staff time and attention. SmartMonitoring from Liebherr significantly reduces the amount of effort involved in this: The digital, cloud-based solution ensures optimal protection of sensitive substances, allows you to prove compliance and helps to seamlessly document temperature data. The system precisely monitors that the temperature is kept constant on a continuous basis. And it can even do it at different sites for multiple appliances. SmartMonitoring documents the temperature and all relevant refrigeration parameters for your stored substances around the clock. If there are deviations in the storage temperature, you are immediately alerted by email, text message or phone – before problems arise.

### **New: Data logger from Testo Solutions expands the pool of compatible Liebherr hardware**

Until now, the use of SmartMonitoring has required a Liebherr refrigerator or freezer that is connected to appropriate hardware in the form of the SmartModule or SmartCoolingHub. The new generation of Liebherr appliances that have been specially designed for medical and research applications are either pre-equipped with the SmartModule (appliances in the Perfection series) or can be retrofitted with it (appliances in the Performance series for this field) and connected via LAN or WiFi to SmartMonitoring. You can network previous models (MediLine and ULT appliances) with up to 20 appliances via the SmartCoolingHub. Liebherr appliances can also be used with existing monitoring solutions simultaneously. The SmartModule acts as a local interface for transferring measurement data to your existing monitoring system.

The collaboration between Liebherr and Testo Solutions opens up additional options to customers: Using the external data logger from Testo Solutions, appliances that previously were not compatible with SmartMonitoring or appliances from other brands can be connected. Additionally, stored products can be monitored separately, as can environmental factors such as the room temperature.

Testo Solutions offers three different data loggers: The standard online data logger reliably records temperature data and transmits it directly to the SmartMonitoring dashboard via a WiFi connection. In addition to the standard temperature sensor, the three-channel data logger features an additional temperature sensor which can be used to monitor the temperature of sensitive products, as well as a door contact sensor. To ensure safe storage at extreme temperatures, the third data logger, which is especially designed for ultra-low-temperature appliances, has a special temperature sensor for temperature ranges as low as -200 °C. This allows all cooling situations to be covered with a single solution.

The new data loggers from Testo Solutions are not only beneficial to customers in the medical and laboratory sectors – the loggers can also be used in the hotel and catering industry.

To find out more about the expanded SmartMonitoring solution and what is required to use it, please visit [home.liebherr.com/smartmonitoring](https://home.liebherr.com/smartmonitoring).

#### **About Testo SE & Co. KGaA**

Testo SE & Co. KGaA, with its headquarters in Titisee-Neustadt in the Upper Black Forest, Germany, is a world market leader in the field of portable and stationary measurement solutions. In 37 subsidiary companies around the world, about 3,700 employees research, develop, produce and market products for this high-tech company. Products from Testo help to save time and resources, to protect the environment and the health of humans, and to increase the value of goods and services. With an average annual growth of over 10 % since the company was founded in 1957 and a current turnover of €452 million, the company has impressively demonstrated that the Black Forest is the perfect setting for creating high-tech systems. Testo invests around a tenth of its annual global turnover in research and development.

#### **About Testo Solutions GmbH**

As a rapidly growing subsidiary of Testo, Testo Solutions GmbH, which was spun off in 2022, benefits from the Testo Group's decades of expertise. Around 80 employees in Titisee-Neustadt and around the world work on digital quality management systems for customers in the food, catering and pharmaceutical industries. With its combination of robust, proven sensor technology, intelligent software and comprehensive services, Testo Solutions GmbH ensures the compliance of its customers, protects their assets and makes continuous improvements in process safety.

#### **About Liebherr-Hausgeräte GmbH**

Liebherr-Hausgeräte GmbH is one of eleven divisional controlling companies of the Liebherr Group. The Appliances division employs more than 6,500 staff and develops and produces a wide range of high-quality refrigerators and freezers for the domestic and professional sectors at its headquarters in Ochsenhausen (Germany) and in Lienz (Austria), Marica (Bulgaria), Kluang (Malaysia) and Aurangabad (India).

#### **About the Liebherr Group**

The Liebherr Group is a family-run technology company with a broad and diverse range of products. The company is one of the largest manufacturers of construction equipment in the world. However, it also provides high-quality, user-oriented products and services to many other sectors. Today the group comprises over 140 companies from every continent. In 2023, it employed more than 54,000 staff and generated total revenue of over €15 billion. Liebherr was founded in 1949 in the southern German town of Kirchdorf an der Iller. Since then, its goal has been to win over its customers with sophisticated solutions and contribute to technological progress.

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