

Low temperature chest freezers

Reliable and energy-efficient
freezing to -45°C



LIEBHERR

Low temperature chest freezers

The new low temperature chest freezers up to -45°C are developed to meet the specific requirements of an array of research, industrial or clinical applications. Where there is a need to store products or samples at lower than usual freezing temperatures Liebherr laboratory chest freezers are the ideal solution, as they offer supreme temperature stability as well as temperature uniformity within the units. Therefore the safe, cold storage of specimen, biological samples or other products is guaranteed.

As part of Liebherr's ActiveGreen, energy-efficiency as well as environmental protection are becoming increasingly important issues concerning laboratory freezing, especially when low temperatures are required. The outstanding energy-efficiency of Liebherr's LGT-range not only contributes to the protection of the environment but also reduces running costs. The low temperature chest freezers are available in three sizes and are equipped with a precision digital controller, which guarantees maximum temperature accuracy.

Product features



Low temperature chest freezers to -45°C	LGT 2325	LGT 3725	LGT 4725
Capacity	215 l	365 l	459 l
Dimensions in mm (W/D/H)	1132/760/919	1373/808/919	1648/808/919
Climate rating	SN	SN	SN
Temperature range	-10 bis -45°C	-10 bis -45°C	-10 bis -45°C
Insulation	120 mm	100 mm	100 mm

General features

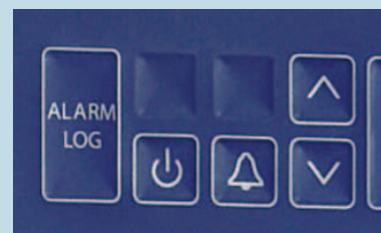
- Visual and audible temperature and lid-open alarm
- 1-point calibration for precise temperature setting
- Aluminium handle
- Lock to prevent unauthorised access
- Visual power failure alarm when mains power returns
- Powder-coated steel housing
- Reinforced lid hinges
- Interior light integrated in the chest freezer lid
- Environmentally friendly refrigerant R 290



Volt-free contact and RS 485 serial interface for external temperature and alarm documentation plus interface for a NTC temperature probe.



Comfort controller with $1/10^{\circ}\text{C}$ digital temperature display and symbols for indicating operating status.



Min./max. temperature memory; last three temperature alarm and power failure events are saved.