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Shelves/drawers	3/-	6/-	3/-	6/-	
Door(s)	1 solid	2 solid	1 solid	2 solid	
Material	Exterior: stainless steel Interior: aluminium				
WxDxH ext. (mm)	700x820x2080	1440x820x2080	700x820x2080	1440x820x2080	
Weight (kg)	121	183	121	183	
Type				Pk	Cat. No.
Refrigerators					
Upright refrigerator, EP700H				1	471-1108
Upright refrigerator, EP1440H				1	471-1105
Freezers					
Upright freezer, EP700L				1	471-1109
Upright freezer, EP1440L				1	471-1106



Spark-free MediLine laboratory freezers with ATEX certificate, LGUex and LGex Liebherr



Temperature range: -9 to -26 °C and -9 to -30 °C

These spark-free laboratory freezers feature static cooling with an electronic controller system ensuring high temperature consistency and uniform temperature distribution. They are designed especially for storing explosive and highly flammable substances but are also suitable for non spark-free applications for the storage of temperature sensitive and high value product.

The controller stores the minimum and maximum interior temperatures, the last three temperature alarms and power failures, together with the time, date and duration of the alarm. The digital display indicates the exact temperature and the operating status. The refrigerant used is a hydrocarbon.

- Electronic control system with 0,1 °C temperature adjustment
- Audible and visual alarms for door-open and temperature (user-adjustable)
- RS485 interface volt-free contact
- On board data logging
- Pre-drilled access port
- Self-closing door with fitted lock

All Liebherr laboratory freezers with spark-free interior are tested according to the ATEX Directive. They have a Zone II nA interior for gases, taking into account the safety requirements of material category 3G. They are therefore suited for storing explosive and highly flammable substances.

Model	LGex 3410 MediLine	LGUex 1500 MediLine		
Capacity (l)	310	139		
Temperature (°C)	-9...-30	-9...-26		
Air circulation	Non ventilated			
Display	Digital			
Defrost	Manual			
Alarm	Visual and audible (temperature and door)			
Shelves/drawers	-/8 drawers	-/3 drawers and 1 basket		
Door(s)	Self-closing solid door, reversible			
Door lock	Yes			
Material	Exterior: white powder-coated Interior: moulded polystyrol			
WxDxH int. (mm)	420x400x1587	454x450x663		
WxDxH ext. (mm)	600x615x1840	600x615x820		
Weight (kg)	60	52		
Type			Pk	Cat. No.
Upright spark-free laboratory freezer, MediLine, LGex 3410			1	471-0481
Under bench spark-free laboratory freezer, MediLine, LGUex 1500			1	471-0483