



Certified according to ATEX.

Spark-free interior are tested according to the 2014/34/EU (ATEX) Directive. Rated as II 3G Ex nA II T6, these appliances are suitable for storing explosive and highly flammable substances in sealed containers.



Laboratory MediLine with electronic controls	LCexv 4010 Combined (fridge freezer)	LKexv 3910 Refrigerator	LKUexv 1610 Refrigerator	LGex 3410 Freezer	LGUex 1500 Freezer	LKv 5710 Refrigerator	LGv 5010 Freezer
Gross capacity	254L 107L	360 litre	141 litre	310 litre	139 litre	583 litre	478 litre
Exterior dimensions in mm (w/d/h)	597 / 615 / 2003	597 / 615 / 1840	597 / 615 / 820	597 / 615 / 1840	597 / 615 / 820	747 / 750 / 1844	747 / 750 / 1844
Refrigerant	R 600a	R 600a	R 600a	R 600a	R 600a	R 600a	R 290
Sound power level	52 dB(A)	48 dB(A)	47 dB(A)	45 dB(A)	45 dB(A)	52 dB(A)	55 dB(A)
Cooling system	forced-air static	forced-air	forced-air	static	static	forced-air	forced-air
Defrost	automatic manual	automatic	automatic	manual	manual	automatic	automatic
Temperature range	+3°C to +16°C -9°C to -30°C	+3°C to +16°C	+3°C to +16°C	-9°C to -30°C	-9°C to -26°C	+3°C to +16°C	-9°C to -35°C
Gradient / max. fluctuation	4.0°C / 3.9°C 7.9°C / 5.5°C	5.5°C / 5.1°C	3.9°C / 4.8°C	6.9°C / 4.2°C	6.6°C / 3.3°C	3.8°C / 3.1°C	5.8°C / 4.9°C
Type of control	electronic controller	electronic controller	electronic controller	electronic controller	electronic controller	electronic controller	electronic controller
Power failure alarm	when mains power return	when mains power return	when mains power return	when mains power return	when mains power return	when mains power return	when mains power return
Fault: warning signal	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible
Interface / Volt-free alarm contact	RS485 / yes	RS 485 / yes	RS485 / yes	RS 485 / yes	RS485 / yes	RS 485 / yes	RS485 / yes
Adjustable shelves	4, glass (fridge)	5, glass	3, glass	-	-	5, wired, plastic-coated	-
Drawer	3 (freezer)	-	-	8	3 drawers + 1 basket	-	8 drawers + 2 baskets
Shelf loading	45 kg 24 kg	40kg	40 kg	24 kg	24 kg	60 kg	60 kg
Lock / Self-closing door	fitted / yes	fitted / yes	fitted / yes	fitted / yes	fitted / yes	fitted / yes	fitted / yes
Door hinges	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site
Gross / net weight	93 / 87 kg	74 / 68 kg	41 / 38 kg	91 / 86 kg	45 / 42 kg	100 / 91 kg	124 / 114 kg



The electronic controller with digital temperature display allows accurate temperature setting to 1/10°C. The large display allows improved temperature visibility at a glance.



The self-closing door prevents unnecessary cold loss and contributes to the temperature stability of the appliances. The integrated lock is very sturdy and protects the samples and products against unauthorised access.



Access port for integration of an independent temperature sensor (e.g. an optionally available NTC temperature sensor or similar measuring instruments) in laboratory appliances.



The precise electronic controller has an integrated data memory. It logs e.g. the maximum and minimum internal temperatures.



The laboratory appliances are equipped with a volt-free contact for alarm forwarding to an external remote warning system.



The commercial-grade moulded polystyrol inner liner is exceptionally easy to clean and enables optimum hygiene.

72
hours

In case of power failure, the electronic controller is powered by a battery. The memory continues to log the internal temperature for another 72 hours.



NEW!!!

1 compartment
2 doors

Heavy-duty MediLine	LKPv 1420 * Refrigerator	LGPv 1420 Freezer	LKPv 8420 Refrigerator	LGPv 8420 Freezer	LKPv 6520 * Refrigerator	LGPv 6520 Freezer	LKPv 6527 NEW!!! Refrigerator	LGPv 6527 NEW!!! Freezer
Gross capacity	1361 litre		856 litre		597 litre		596 litre	
Exterior dimensions in mm (w/d/h)	1430/830/2160		790/980/2160		700/830/2160		700/830/2160	
Refrigerant	R 290		R 290		R 290		R 290	
Sound power level	58 dB(A)	60 dB(A)	58 dB(A)	60 dB(A)	58 dB(A)	60 dB(A)	58 dB(A)	60 dB(A)
Cooling system/ Defrost	forced-air / automatic		forced-air / automatic		forced-air / automatic		forced-air / automatic	
Temperature range	-2°C to +16°C	-9°C to -26°C	-2°C to +16°C	-9°C to -35°C	-2°C to +16°C	-9°C to -35°C	-2°C to +16°C	-9°C to -35°C
Gradient / max. fluctuation	3.6°C/2.9°C	4.3°C/6.7°C	2.1°C/1.8°C	4.5°C/5.7°C	1.8°C/1.0°C	2.9°C/3.6°C	1.8°C/1.0°C	2.9°C/3.6°C
Type of control	electronic controller		electronic controller		electronic controller		electronic controller	
Power failure alarm	up to 72hrs		up to 72hrs		up to 72hrs		up to 72hrs	
Fault: warning signal	visual and audible		visual and audible		visual and audible		visual and audible	
Interface / Volt-free alarm contact	RS485 / yes		RS485 / yes		RS485 / yes		RS485 / yes	
Adjustable shelves	8		4		4		4	
Shelf loading	60 kg		60 kg		60 kg		60 kg	
Castors	castors with brake at the front, castors at the rear		castors with brake at the front, fixed castors at the rear		castors with brake at the front, fixed castors at the rear		castors with brake at the front, fixed castors at the rear	
Lock	fitted		fitted		fitted		fitted	
Self-closing door	yes		yes		yes		yes	
Door hinges	left hand/right hand		right, reversible on site		right, reversible on site		right, reversible on site	
Gross/ net weight	254 / 199 kg	253 / 207 kg	178 / 147 kg	182 / 152 kg	152 / 126 kg	160 / 133 kg	155 / 129 kg	162 / 136 kg

* Glass door models are available for LKPv 1420 and LKPv 6520.

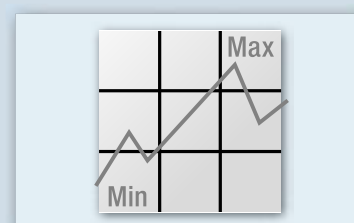
Advantage of hot gas defrost

It is quick, with minimal temperature rise.



Energy-efficient hot-gas defrost system.

Defrost less often and faster: the controller calculates the optimum defrost cycles based on the compressor run-time. Then the refrigerators defrost in just 8 minutes and the freezers in just 12 minutes. The internal temperature is slightly lowered shortly before so it remains almost constant during the defrost cycle.



The integrated data logger includes a min/max temperature memory function.



The LKPv and LGPv ranges come with castors as standard.



The state-of-the-art controller has an integrated real time clock and can be set to 1/10°C accuracy.



These appliances have an access port (7.0 mm in diameter) in the ceiling area to enable connection of an independent temperature sensor.



The practical door remains open at 90° and is self-closing at less than 60° for convenient use.



Visual and audible door alarms alert the user if the door is open for longer than 1 minute.